S
625.704
H3fe
JULY 21,1980

State

Montana State Library
3 0864 1006 6483 1

MONTANA HIGHWAY DEPARTMENT

STATE DOCUMENTS COLLECTION
AUG 12 1980
MONTANA STATE LIBRARY
930 Lyndale
Helena, MT 59601
PLEASE RETURN

FIELD ENGINEERING AND CONSTRUCTION

PROGRESS REPORT

ISSUED THE FIRST AND THIRD WEEK OF THE MONTH

JULY 21, 1980

DOMINION OF CANADA
ALBERTA
SASKATCHEWAN
BRITISH COLUMBIA
LIBERTY
HILL
TOOLE
GLACIER
PONDERA
TETON
CHOUTEAU
BLAINE
PHILLIPS
VALLEY
ROOSEVELT
DANIELS
SHERIDAN
RICHLAND
WILLIAMS
DAKOTA
DAWSON
PRAIRIE
FALLON
CARTER
POWDER
RIVER
CUSTER
ROSEBUD
TREASURE
YELLOWSTONE
BIG HORN
CARBON
STILLWATER
SWEET GRASS
GOLDEN VALLEY
MUSSELSHELL
WHEATLAND
PETROLEUM
FERGUS
GARFIELD
MCCONE
CASCADE
MEAGHER
GALLATIN
BROADWATER
JEFFERSON
SILVER BOW
DEER LODGE
GRANITE
POWELL
LEWIS AND CLARK
MISSOULA
MINERAL
SANDERS
LAKE
LINCOLN
FLATHEAD
BEAVERHEAD
MADISON
GARFIELD
PARK
YELLOWSTONE NATIONAL PARK
DIVISION CONSTRUCTION SECTIONS
BILLINGS DIVISION HEADQUARTERS
DIVISION CONSTRUCTION SECTION BOUNDARY
Approved
Bruce P. Richards, Director
Department of Highways
MONTANA
STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
PLANNING AND RESEARCH BUREAU
U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL HIGHWAY ADMINISTRATION

MONTANA DEPARTMENT OF HIGHWAYS

MISSOULA, MONTANA

JULY 18, 1980

Montana Department of Highways
Helena, Montana 59601

Progress Report

G E N E R A L

Skies have been mostly clear with some rain during the past period. Temperatures from 44^{o} to 78^{o}. Highways are in fair to good driving condition.

P R E C O N S T R U C T I O N

FF 5-1(01)07, Evaro Hill - North & South
Length - 13.0 Miles

Charles Hegman, FPM
Drummond, MT

Survey crew assigned to Drummond. Work on traverse remains about 98% complete with 126½ man days used.

F 6-1(5), Thompson Falls - East
Length - 3.4 Miles, Preliminary Engineering

John Miner, FPM
St. Regis, MT
Phone 649-2460

Work on subject project was suspended 2-29-80. Crew is assigned to various projects since 3-3-80. Cross-sectioning on project completed from Station 0+00 to Station 40+00 which makes cross-sectioning 22% complete.

F 7-1(9)22, Darby - North & South
Length - 17 Miles

Allan Dutton, FPM
Hamilton, MT

Location suspended. Crew working on construction projects.

FF 7-1(1)11, Florence - Lolo, Add 2 Lanes

Jim Smith, Designer III
Missoula, MT

Personnel on other projects. No work on this project this period.

FF 7-1(10)50, Victor - South
Length - 9.5 Miles

Jim Smith, Designer III
Missoula, MT

Work this past period consisted of drawing typical and summary sheet and design personnel picking up survey data. Design is 22% complete.

RF 24-1(2)9, Potomac - West
Length - 4.8 Miles

Jim Smith, Designer III
Missoula, MT
Phone 549-6491

Design started May 1, 1980. Grades set and Plan & Profile linen sheets have been traced from Sta. 340+00 to end Sta. 555+17.9. Beg. Sta. 300+19 to Sta. 340+00 will have to be projected to meet new bridge x-ing when bridge location has been made. Design remains 4% complete and work is suspended at this time.

RS 263-1(4)1, Mullan Road - Missoula
Length - 4.9 Miles

Jim Smith, Designer III
Missoula, MT

Plan & Profile sheets received from Helena on June 5, 1980. Work currently being done on grades, program coding, and templating. Design is 15% complete.

S 269-1(01), State 269 - Stevensville
Length - 0.8 Miles

Jim Smith, Designer III
Missoula, MT

There has been no work on this project since the preliminary P.I.H. and a Public Hearing was held on the project on February 27, 1980.

C O N S T R U C T I O N

I 90-1(78)11, Saltese - DeBorgia
Length - 10.8 Miles
PMS, PCCP & Related Items
Contract Let - April 28, 1977
Amount of Contract - $6,244,632.55
Work Proceed Date - May 24, 1977
Work Started - June 8, 1977

Peter Kiewit Sons' Company
Billings, MT, Contractor
John Miner, FPM
St. Regis, MT, Phone 649-2460
Contract Time - 240 Working Days
Completion Date - Oct. 1979
Effective Opening Date - 11/29/78

The Final Estimate will be submitted to Helena on July 18, 1980.

I 90-1(77)22, U-7, Drexel - East & West
Length - 5.342 Miles
Grading, Agg. Surf. PMB & Sign
Contract Let - April 27, 1978
Amount of Contract - $7,478,434.20
Work Proceed Date - May 22, 1978
Work Started - May 22, 1978

Rehbein Contracting, Inc.
Plains, MT, Contractor
James Cyr, FPM
St. Regis, MT, Phone 649-2601
Contract Time - 300 Working Days
Probable Completion Date-Nov. 1980
Effective Opening Date - _____

The contractor has about 40 men employed working various hours and days as weather permits. Paving on the mainline has been completed. Shoulder gravel is complete except from Sta. 330+ to 379+ on the left side of the roadway. Western Sign has been placing posts for the installation of signs. The contract is 94% complete with 92% of the contract time elapsed. The State has 20 people assigned to the project.

I-IG 90-1(61)27, U-2, St. Regis - East & West
Length - 212.5 Ft. Prestress Concrete
Girder Bridges over St. Regis River
78.0 Dual Separation Str.
Contract Let - June 22, 1978
Amount of Contract - $633,002.62
Work Proceed Date - July 14, 1978

Sletten Construction Company
Great Falls, MT, Contractor
William Maart, FPM
St. Regis, MT, Phone 649-2471
Contract Let - 160 Working Days
Completion Date - Sept. 11, 1979
Effective Opening Date - _____

The Final Estimate will be submitted to Helena about August 15, 1980.

I-IG 90-1(61)27, U-3, St. Regis - East & West
Structures & Detour
Dual 285 Ft. Prestressed Concrete
Girder Bridges
Amount of Contract - $2,009,230.57
Work Proceed Date - April 16, 1979
Work Started - March 6, 1979

Sletten Construction Company
Great Falls, MT, Contractor
William Maart, FPM
St. Regis, MT, Phone 649-2471
Contract Time - 240 Working Days
Probable Completion Date - Aug. 1980
Effective Opening Date - _____

Contractor doing finish work & clean up. Percentages complete of contract items are as follows: Traffic Control - Devices - 7%; Mobilization - 100%; Temporary Erosion Control - 8%; Concrete Class AD - 99%; Concrete Class BD - 96%; Prestr. Beam TY 4 90 ft. - 100%; Prestr. Beam TY 4 100 ft. - 100%; Struct. Steel - 100%; Stru. Excav. TY 2 - 96%; Shoring & Cribs - 100%; Reinforc. Steel - 100%; Bridge Drains Conc. Str. - 100%; Protective Coat - 100%. Construction layout is 90% complete; 79% of the contract time has elapsed; and the contract is 88% complete. 4 engineers and 6 men are employed working 5/8 hr. shifts per week.

I-IG 90-1(61)27, U-4, St. Regis - East & West
Dual 402.33 Ft. & A Dual 413.0 Ft.
Composite Steel & Concrete Girder Bridges
A Detour Road & Railroad Relocation
Amount of Contract - $2,830,789.54
Work Proceed Date - May 2, 1979
Work Started - April 18, 1979

General Construction Company
Butte, MT, Contractor
William Maart, FPM
St. Regis, MT, Phone 649-2471
Contract Let - 350 Working Days
Probable Completion Date - Aug. 1981
Effective Opening Date - _____

Contractor completed the following: Abut #1 @406 - placed steel & poured wing wall; West Bound roadway wall & cap, median wall, East Bound roadway wall & cap & retaining wall. Abut #5 @406 - finished excavation & began placing forms; EB Pier #4 @406 - placed cap form & reinforcing steel; Pier #4 EB @415 - placed steel & poured footing and column; tore out haul bridge & constructed work bridge. Construction layout is 70% complete; 53% of the contract time has elapsed; and the contract is 37% complete. 4 engineers and 18 men are employed working 5/8 hr. shifts per week.

I-IG 90-1(61)27, U-5, St. Regis - East & West
Dual 889.23 Ft. Composite Steel &
Cone, Girder - Bridge
Amount of Contract - $4,964,536.10
Work Proceed Date - July 27, 1979
Work Started - July 18, 1979

Sletten Construction Company
Great Falls, MT, Contractor
Larry Chezik, FPM
St. Regis, MT
Contract Time - 410 Working Days
Probable Completion Date - June 1981
Effective Opening Date - _____

Progress has been good. The contractor worked one-8 hour shift per working day, employing 7 to 16 men a shift. Work consisted of finishing concrete, drilling anchor bolt holes and bushhammering bearing seats. The structural steel was erected for Part No. 1 E.B. The project as a whole is 43% complete; 133 Working Days have been used with 32% of the contract time elapsed.

I-IG 90-1(61)27, U-6, St. Regis - East & West
Length - 7.6 Miles
Grading, Agg. P.M. Surf. Seal & Cover
Amount of Contract - $5,074.098.62
Work Proceed Date - Sept. 24, 1979
Work Started - Sept. 17, 1979

Rehbein Contracting, Inc.
Plains, MT, Contractor
John Miner, FPM
St. Regis, MT, Phone 649-2460
Contract Time - 200 Working Days
Probable Completion Date - Dec. 1981
Effective Opening Date - _____

Grading, gravelling, culvert installation, plant mix paving and metal bin walls erection is in progress. Plant mix base is complete between E.B. Sta. 457 & 525. Progress has been poor during this period because of rain. 100 men are employed by the contractor working variable hours daily. 13 State personnel are presently employed working 5 day week. 45% of project is complete. 89 days have been used making 43% of the contract time elapsed. Rough grade operations are being scheduled for 2-8 hour shifts daily. All other work is being done in one variable length shift 5 days weekly.

I 90-1(59)35, U-1, St. Regis - East
Length - 3.6 Miles, GR-Add. Surf. - PMB
Sign & Flasher Installation
Amount of Contract - $2,823,425.90
Work Proceed Date - April 18, 1977
Work Started - January 25, 1977

Washington Construction Company
Missoula, MT, Contractor
James Williams, FPM
Missoula, MT, Phone 549-6491
Contract Time - 220 Working Days
Completion Date - 6/6/79
Effective Opening Date - 9/18/79

The Final Estimate is being checked in the Division Office.

I 90-1(83)35, St. Regis - East
PCCP & Related Items
Amount of Contract - $1,661,621.92
Work Proceed Date - September 15, 1978
Work Started - June 28, 1979

Northwest Construction, Inc.
Kirkland, Washington, Contractor
John Miner, FPM
St. Regis, MT, Phone 649-2460
Contract Time - 150 Working Days
Completion Date - July 15, 1980
Effective Opening Date - N/A

Brooming & striping of both the EB & WB lane shoulders and centerline and all the ramps and frontage roads was completed 7-15-80. Frank Gurney, Inc., sub-contractor, had 4 men employed during the operation and have been released. This was the only item remaining on the contract. The project as a whole is now 100% complete. 98% of the contract time has elapsed.

I 90-1(57)39, U-1, Sloway - E & W
Dual 1092.0 Ft. Composite Steel & Conc.
Girder Bridges
Amount of Contract - $6,532,574.74
Work Proceed Date - October 26, 1979
Work Started - October 26, 1979

Sletten Construction Company
Great Falls, MT, Contractor
William Maart, FPM
St. Regis, MT, Phone 649-2471
Contract Time - 410 Working Days
Probable Completion Date - Nov. 1981
Effective Opening Date - _____

The caps on Bents #7 EB & WB have been poured, as well as the median & wing walls for abutment #7. They are stabbing the sheets for Pier #3 WB, and have begun excavation for Pier #5 EB. The backwalls for Bents #7 EB & WB are being formed & will be poured within a few days. Percentages complete of contract items are as follows: Traffic Control - Devices - 47%; Mobilization - 50%; Concrete-Class AD - 43%; Stru. Excav. TY 1 - 95%; Stru. Excav. TY 2 - 44%; Shoring & Cribs - 49%; Reinforc. Steel - 19%; Work Bridge - 22%; and Bridge Survey Controls - 40%. Construction layout is 70% complete; 64% of the contract time has elapsed; and the contract as a whole is 16% complete. 2 engineers and 30 men are employed working 15/8 hr. shifts per week.

I 90-1(57)39, U-2, Sloway - E & W
Dual 1214.0 Ft. Composite Steel & Conc.
Girder Bridges & 1.6 Miles Grading, Agg.
Surf. & PM Bit. Surf.
Amount of Contract - $9,917,560.79
Work Proceed Date - April 16, 1980

Sletten Construction Company
Great Falls, MT, Contractor
George Roat, FPM
Alberton, MT
Contract Time - 450 Working Days
Probable Completion Date - Oct. 1981

Work during the past two weeks has consisted of placing concrete for the lower and upper column at Bent 6 EB. Setting the cofferdam at Pier 8 EB. Excavating cofferdams at Pier 7 WB and Pier 8 EB. Backfilling Bent 3+4 WB and Bents 3+4+5 EB. Also started drilling anchor bolt holes at Bent 2 and Bent 3 WB. Construction layout is 40% complete; 12% of the contract time has elapsed; and the contract as a whole is 19% complete. 3 engineers and 23 men are employed working 10/8 hr. shifts per week.

I 90-1(57)39, U-3, Sloway - E & W
460.0 Composite Steel & Conc.
Girder Bridge
Amount of Contract - _____
Work Proceed Date - _____
Work Started - _____

William Maart, FPM
St. Regis, MT, Phone 649-2471
Contract Time - 200 Working Days
Probable Completion Date - Nov. 1982
Effective Opening Date - _____

The project is scheduled for letting July 24, 1980.

IR 90-1(88)39, U-1
Replacement of Sliding Plate
Expansion Joints
Amount of Contract - $376,873.00
Work Proceed Date - June 4, 1979
Work Started - July 17, 1979

Inland Asphalt Company
Spokane, Washington, Contractor
Cliff Neiffer, FPM
Probable Completion Date - Aug. 1980
Effective Opening Date - N/A

Progress has been good. The contractor worked nine 8-hour shifts employing 8 men. Work in progress. The right half has been completed @M.P. 49.3 - EBL and deck removal has been completed on the left half @ M.P. 47.5 - WBL & M.P. 53.7 WBL. The project is 62% complete with 51% of the contract time elapsed. Construction layout with one engineer is 70% complete

I-IG 90-1(67)64, U-1, Tarkio - East
867 Ft. Composite Steel &
Concrete Girder Bridges
Amount of Contract - $2,589,729.30
Work Proceed Date - April 16, 1979
Work Started - March 9, 1979

Sletten Construction Company
Great Falls, MT, Contractor
Jack Silvey, FPM
Alberton, MT, Phone 722-4961
Contract Time - 280 Working Days
Probable Completion Date - Sept. 1980
Effective Opening Date - Dec. 1980

Contractor has been setting barrier rail forms 130' & placing concrete in them daily; 60% complete. Stripping deck forms and finishing concrete. Percentages of items complete are: Traffic Control - Devices - 144%; Mobilization - 100%; Concrete Class AD - 90%; Concrete Class BD - 82%; Struct. Steel - 94%; Struct. Exc. T-1 - 100%; Struct. Exc. T-2, Shoring & Cribs - 100%; Reinfor. Steel - 99%; Bridge Drains-Steel Struct. - 50%; Protective Coat - 86%; Work Bridge - 100%; Cost of Training Program - 89%. Construction layout is 98%; 73% of the contract time has elapsed; and the contract as a whole is 93% complete. 3 engineers and 12 men are working 5/8 hr. shifts per week.

I-IG 90-1(67)64, U-2, Tarkio - East
781.0 Ft. Composite Steel &
Concrete Girder Bridges
Amount of Contract - $2,460,638.15
Work Proceed Date - April 16, 1979
Work Started - March 13, 1979

Sletten Construction Company
Great Falls, MT, Contractor
Ray Hoffman, FPM
Alberton, MT, Phone 722-4961
Contract Time - 300 Working Days
Probable Completion Date - Sept. 1980

Work during the past period has consisted of finishing placement of reinforcing steel. The contractor plans to start pouring concrete deck on July 18, 1980. Construction layout is 67% complete; 68% of the contract time has elapsed; and the contract is 85% complete. 4 engineers and 8 men are employed working 5/8 hr. shifts per week.

I-IG 90-1(67)64, U-3, Tarkio - East
329.0' Bridge, 142.25' Bridge &
199.5' Bridge Approaches
Amount of Contract - $1,050,075.80
Work Proceed Date - September 25, 1979
Work Started - November 14, 1979

General Construction Company
Butte, MT, Contractor
Albert W. Bonner, FPM
Contract Time - 195 Working Days
Probable Completion Date - Nov. 1980
Effective Opening Date - Dec. 1981

Sta. 402 - Decking is in progress; diaphragms were placed 7/11/80; Sta. 425 - Zion (sub) has raised end span and is mounting it on carrier beams, plans to roll end ways 7/18/80; Sta. 594 - Set prestressed beams - 7/14/80 & 7/15/80. Construction layout is 50% complete; contract time elapsed is 32%; and the contract as a whole is 48% complete. Contractor has employed 7 to 10 men this past period; 3 engineers employed, working 5/8 hr. shifts per week.

I-IG 90-1(67)64, U-4, Tarkio - East
447.5 Ft. Composite Steel Girder Overpass
Amount of Contract - $785,234.94
Work Proceed Date - October 26, 1979
Work Started - October 16, 1979

Sletten Construction Company
Great Falls, MT, Contractor
Jack Silvey, FPM
Alberton, MT, Phone 722-4961
Contract Time - 180 Working Days
Probable Completion Date - Oct. 1980
Effective Opening Date - Dec. 1981

Contractor has been forming Deck. Percentages of items complete are as follows: Structure Excavation Type 1 - 100%; PSB 70' - 100%; PSB 110' - 100%; PSB 130' - 100%; Reinforc. Steel - 42%; Test Pile - 100%; Furn. Pile - 100%; Dri. Pile - 100%; Bridge Survey Controls - 40%. 3 engineers and 0 to 7 men are employed working 0-5/8 hr. shifts per week. 37% of the contract time has elapsed and the contract is 71% complete.

I-IG 90-1(67)64, U-5, Tarkio - East
IR 90-2(68)80, Huson - West
Length - 12.8 Miles
Grading, Agg. Surf. P.M. Surf. & P.M. Overlay
Amount of Contract - $6,786,472.47
Work Proceed Date - April 16, 1980
Work Started - March 12, 1980

Rehbein Contracting, Inc.
Plains, MT, Contractor
Jerry Tahija, FPM
Alberton, MT, Phone 722-4961
Contract Time - 250 Working Days
Probable Completion Date - Dec. 1981
Effective Opening Date - Dec. 1981

The contractor has 3 drills working around Sta. 700+. The contractor has one scraper doing minor clean-up work from Sta. 250+ to 350+. The guardrail sub-contractor- Gurney, is working 5/8 hr. shifts placing and removing guardrail at Sta. 330+ to 350+. 19% of the contract time has elapsed; and the contract as a whole is 18% complete. 13 engineers and 10 men are employed working 5/8 hr. shifts per week.

IR 90-1(70)76, Alberton - East
I 90-2(51)78, U-1, Huson - West
Length - 6.0 Miles
Grading, Agg. Surf. P.M. Fencing
Amount of Contract - $2,796,608.96
Work Proceed Date - April 17, 1978
Work Started - February 21, 1978

Hilde Construction Company
Great Falls, MT, Contractor
Jerry Tahija, FPM
Alberton, MT, Phone 722-4961
Contract Time - 180 Working Days
Completion Date - 6/27/79
Effective Opening Date - 5/18/79

One engineering personnel is working on final quantities.

IR 90-3(47)152, Drummond - East
Length - 12.3 Miles
Plant Mix Overlay
Amount of Contract - $2,723,002.39
Work Proceed Date - August 24, 1979
Work Started - October 11, 1979

Meyer Construction Company
Billings, MT, Contractor
Charles Hegman, FPM
Drummond, MT, Phone 288-3517
Contract Time - 120 Working Days
Probable Completion Date - Nov. 1980
Effective Opening Date - N/A

Crack sealing is underway on WB lane. This work is about 65% complete. The first lift of Plant Mix Surfacing is completed on EB lane from Sta. 1525 to Sta. 1882. The second lift has been placed from 1525 to 1652 EB. Removal is about 40% complete. Contractor has 40 people employed on all operations. Sixteen State employees are on project on inspection and notes. Construction layout is 40% complete; 40% of the contract time has elapsed; and the contract is 14% complete.

HES 5-1(3)13, HES 5-2(12)20,
HES 5-2(11)27, & HES 7-1(17)76
Safety Improvements
Amount of Contract - $184,883.35
Work Proceed Date - July 27, 1979
Work Started - August 28, 1979

Rehbein Contracting, Inc.
Plains, MT, Contractor
Jim Williams, FPM
Missoula, MT, Phone 549-6491
Contract Time - 60 Working Days
Completion Date - 6/17/80
Effective Opening Date - N/A

The contractor has completed the project. Crew on other projects.

F 7-1(8)38, Charlos Heights - North
Length - 4.5 Miles
Grade, P.M. Surf. Seal, Cover & Signing
Amount of Contract - $1,878,876.75
Work Proceed Date - July 22, 1980
Work Started - _____

Hilde Construction, Inc.
Great Falls, MT, Contractor
Allan Dutton, FPM
Hamilton, MT, Phone 363-4420
Contract Time - 150 Working Days
Probable Completion Date - Nov. 1981

A preconstruction conference is scheduled for July 22, 1980.

FF 7-1(2)46, U-1, Hamilton - North
55 Ft. Concrete Girder Bridge &
Detour
Amount of Contract - $363,507.70
Work Proceed Date - April 16, 1979
Work Started - March 19, 1979

Frontier West, Inc.
Missoula, MT, Contractor
Allan Dutton, FPM
Hamilton, MT, Phone 363-4420
Contract Time - 150 Working Days
Completion Date - May 15, 1980

The job is complete and is process of being finalized in office.

FF 7-1(2)46, U-2, Hamilton - North
Length - 1.7 Miles
Grade, Agg. Surf. & PMS
Amount of Contract - $1,343,518.64
Work Proceed Date - April 16, 1980

Clark Brothers, Contractors
Victor, MT, Contractor
Allan Dutton, FPM
Hamilton, MT, Phone 363-4420
Contract Time - 120 Working Days
Probable Completion Date - Nov. 1980

Work during the past period has consisted of contractor completing sidewalks through Sta. 62+00. 3/4" Top Surf. Mat'l. is complete for the sidewalks. Curb & gutter is also complete through 87+00. Contractor is now in progress of hauling, crushing, & placing 1 1/2" Base Crse. Mat'l. between Sta. 87+00 and 116+00. There is a 6 man crew blue topping subgrade and 1 1/2" base course mat'l., 6 man inspecting, 1 man in office working on job. Construction layout is 32% complete; 43% of the contract time has elapsed; and the contract is 43% complete. 14 engineers and 25 men are employed working 5/8 hr. shifts per week.

F 71-1(2)0, West Broadway - Missoula
Length - 0.7 Miles
Grading, Agg. Surf. P.M. Surfacing
Seal, Cover & Signing
Amount of Contract - $413,286.30
Contract Let - December 14, 1978
Work Started - May 11, 1979

American Asphalt, Inc.
Missoula, MT, Contractor
James Williams, FPM
Missoula, MT, Phone 549-6491
Contract Time - 70 Working Days
Completion Date - 10/25/79
Effective Opening Date - N/A

The Final Estimate is in the Division Office for checking.

RS-DP 224(14), U-2, Reserve Street
Length - 148 Ft. Concrete Girder Overpass
Over C.M. St. P. & P. Railroad Approaches
& Fencing
Amount of Contract - $360,910.77
Contract Awarded - May 2, 1977
Contract Let - April 28, 1977
Work Proceed Date - May 23, 1977

General Construction Company
Butte, MT, Contractor
Chuck Hegman, FPM
Jack Silvey, FPM
Alberton, MT, Phone 722-4961
Contract Time - 105 Working Days
Completion Date - 7/6/79
Effective Opening Date - 6/15/79

The Final Estimate is still in the field.

RS-DP 224(14), U-3, Reserve Street
Length - 331.14 Ft. Prestressed Concrete
Girder Bridge
Amount of Contract - $635,990.40
Contract Let - October 27, 1977
Work Proceed Date - April 27, 1978
Work Started - November 22, 1977

Sletten Construction Company
Great Falls, MT, Contractor
Jack Silvey, FPM
Missoula, MT, Phone 549-6491
Completion Date - October 6, 1978
Effective Opening Date - 6/15/79

The Final Estimate is still in the field.

RS-DP 224(14), U-4, Reserve Street
Length - 1.3 Miles
Grade, Agg. Surf. CTB, Concrete
Paving & Traffic Control
Amount of Contract - $1,569,222.20
Work Proceed Date - April 21, 1978
Work Started - April 21, 1978

Peter Kiewit Sons' Company
Billings, MT, Contractor
Charles Hegman, FPM
Drummond, MT, Phone 288-3517
Contract Time - 140 Working Days
Probable Completion Date - Aug. 1979
Effective Opening Date - 6/15/79

The Final Estimate is still in the field.

RS-TQS 348-1(2)7, Philipsburg - West
Length - 6.8 Miles
P.M. Base, Signing, Seal & Cover
Contract Let - May 22, 1980
Work Proceed Date - June 17, 1980
Work Started -

Charles Hegman, FPM
Drummond, MT, Phone 288-2517
Contract Time - 90 Working Days
Probable Completion Date - July 1981
Effective Opening Date - N/A

Contractor has not arrived on project to date. Running centerline is 100% complete; References are 100% complete. Profile is 100% complete. Project Signs Staked is 100% complete. An approved Air Quality Permit has not yet been received. Construction layout is 27% complete. 6 engineers are employed.

M 8105(4), U-2, Intersection of 3rd & Russell
Traffic Signals, Signing, Street Widening
Surfacing & Lengthen Conc. Box
Contract Let - May 31, 1979
Amount of Contract - $369,304.05
Work Proceed Date - June 29, 1979
Work Started - October 29, 1979

American Asphalt, Inc.
Missoula, MT, Contractor
James Williams, FPM
Missoula, MT, Phone 549-6491
Contract Time - 80 Working Days
Probable Completion Date - Aug. 1980

The contractor has been working on signals and guardrail the past two weeks. Progress has been slow due to wet weather. The contractor plans to work on signal & surfacing the next two weeks. Construction layout is 80% complete; 40% of the contract time has elapsed; and the contract is 75% complete. 3-8 engineers and 2-7 men are employed working 5/8 hr. shifts per week.

M 8117(1), Intersection of Higgins & South
Installation of Traffic Signals, Intersection Improvements & Landscaping
Contract Let - December 14, 1978
Amount of Contract - $105,102.59
Work Proceed Date - April 16, 1979
Work Started - October 3, 1979

Livesay Traffic Maintenance, Inc.
Great Falls, MT, Contractor
James Williams, FPM
Missoula, MT, Phone 549-6491
Contract Time - 45 Working Days
Probable Completion Date-Aug. 1980
Effective Opening Date - N/A

This project is completed with the exception of some minor surfacing repair and striping. Construction layout is 98% complete; 88% of the contract time has elapsed; and the contract is 95% complete.

M 8199(7), U-1, Int. of Russell & 39th St.
Traffic Signals & Signing
Amount of Contract - $145,080.91
Work Proceed Date - April 15, 1980
Work Started - April 24, 1980

Livesay Traffic Maintenance, Inc.
Great Falls, MT, Contractor
James Williams, FPM
Missoula, MT, Phone 549-6491
Contract Time - 45 Working Days

The contractor completed pouring sidewalk the past week. It has been raining off and on, which has kept the grade too wet to work. The contractor plans to start surfacing operations as soon as conditions permit. The signals were put into operation on July 2, 1980. Contract time elapsed is 49%; Construction layout is 80% complete; and the contract is 37% complete.

M 8199(8), Signal Update - Missoula
Signal Revision
Contract Let - May 22, 1980
Amount of Contract - $12,225.00
Work Proceed Date - June 17, 1980
Work Started - June 10, 1980

Livesay Traffic Maintenance, Inc.
Great Falls, MT, Contractor
James Williams, FPM
Missoula, MT, Phone 549-6491
Contract Time - 30 Working Days
Probable Completion Date - July'80
Effective Opening Date - N/A

The contractor has not worked on the project the past two weeks. All that remains to complete the project is to install two fail safes. We are waiting for the contractor to schedule this work. Mobilization is 90% complete; Contr. Cab. Ped. Type D is 100% complete; and Failsafe Units are 50% complete. Construction layout is 95% complete; contract time elapsed is 70%; and the contract is 85% complete. 0-1 engineers and 0-2 men are employed working 5/8 hr. shifts per week.

SMP 2099-80, Crushing & Stockpiling
from six crusher operations in Granite, Lake, Mineral, Missoula, and Sanders Counties
Contract Let - January 31, 1980
Contract Awarded - February 4, 1980
Work Proceed Date - February 25, 1980

Washington Construction Co.
Missoula, MT, Contractor
Robert Todd, Materials Supervisor
Contract Time - 100 Working Days
Probable Completion Date-Sept.1980

Contractor is currently working on another project. Contract remains 41% complete with 32% of the contract time elapsed.

Willard Neighbors

FOR— BEN C. MILLER, SUPERVISOR
DIVISION CONSTRUCTION SECTION

BCM: WN: cdj

cc: Division File

RECEIVED
JUL 18 1980

DEPARTMENT OF HIGHWAYS

KALISPELL, MONTANA

JULY 18, 1980

Department of Highways
Helena, Montana 59601

Progess Report

Gentlemen:

The folloing is a report on pre-construction and construction activities in area 1230 for the period ending July 18, 1980.

G E N E R A L

Progress has been fair. Weather has been cool with above average precipitation throughout the period. Day time temperatures ranged from +55° to +75° with night temperatures from +40° to +45°. Highways are in average summer driving condition.

P R E - C O N S T R U C T I O N

F-1-1(02) Libby-Kalispell
Elk Hill-Lion Springs Safety
Length - 2.8 Miles
Design Started - April 5, 1977

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - September 30, 1980

A letter was received from St. Regis Paper Co. giving preliminary approval to the re-alignment, which will go through their Lion Springs picnic and camping area. It has been determined that the campground does not fall under Section 4 F. There has been no work on design the past period. Further field work will be required for this major shift in alignment. 111 man days have been used to date on design, which is approximately 36% complete.

F-1-2(3)148 Unit 2 & LSF-1-257(5)
Coram-West Glacier Section
Length - 3.7 Miles
Contract Let - November 29, 1979
Contract Not Awarded to Date

Gene Piedalue, Field Project Manager
Martin City, Montana 59926
Phone: 387-5754

No field work performed the past period. Contract status still in litigation.

Utilities (Original 4.8 Miles)
Note: All utilitites are complete relative to Unit 2 Project.

Northwestern Telephone Systems, Mountain States Telephone and Burlington Northern, Inc.
100% complete.
Flathead Electric Co-op & Montana Power Co.
All work suspended pending outcome of litigation.

F-1-2(1)142 & LSF-1-257(5)
Hungry Horse-Coram Section
Scheduled for March 1981 Letting

Gene Piedalue, Field Project Manager
Martin City, Montana 59926
Phone: 387-5754

No field work performed the past period.

Utilities
Northwestern Telephone, Montana Power Transmission & Distribution - Estimates have been submitted to Utilities and will be processed as time permits.
Flathead Electric - Design has been completed and should be submitted to Helena this month.
Martin City Water Co. - Work has been resumed on the design revisions and should be submitted to Helena later this month.
Hungry Horse Water Co. - The company is presently awaiting data from Hydraulics before preparing estimate.
Coram Water Users Association - Estimate has been submitted to Utilities.

F-5-4(1) Stryker-Roosville
Length - 7.8 Miles
Design Started - May 6, 1977

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - Pending

There has been no work on design the past period. 192 man days have been used to date with design approximately 19% complete.

RS-548-1(1)0 West Reserve Drive
Length - 2.2 Miles
Design Started - June 22, 1974

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - September 30, 1980

There has been no work on design the past period. Updating of field work has been completed. Design will resume as time permits. 105 man days have been used to date on design, which is approximately 25% complete.

F-5-2(03)86 Flathead County Line-South
Length - 7.5 Miles
Agreement Approved - July 16, 1979

Design - Alpha Engineers, Inc.
Butte, Montana 59701
Est. Comp. Date - October 20, 1980

No field work the past period. Approval was received for line projection 1494± to 1549± and field notes are being prepared for same. Photos and data for public hearings are also being compiled. The design is approximately 41% complete.

F-5-2(05) Elmo-Rollins
Length - 5.5 Miles
Survey Authorized - July 6, 1977
Ground Control Survey Started - Aug. 29, 1977
Design Started - March 29, 1979

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - September 30, 1980

There has been no work on design the past period. As soon as personnel are available, further field work will be done at the Dayton Creek crossing. 222 man days have been used to date on design, which is approximately 53% complete.

F-5-3(5)112 Kalispell Main St.-6th to Center
Length - 0.4 Miles
Survey Authorized - August 14, 1979
Design Started - August 17, 1979

Design - Thomas, Dean & Hoskins
3 Sunset Plaza
Kalispell, Montana 59901
Est. Comp. Date - August 20, 1980

The City of Kalispell authorized expanding this project to include one-half block on both sides of Main Street from 1st Street through 5th Street, inclusive. Field work has been started on these additional streets. The design is 54% complete.

FR-5-3(7)120 Kalispell-Whitefish Overlay
Length - 5.3 Miles
Survey Authorized - February 21, 1980
Survey Started - March 17, 1980
Survey Completed - June 3, 1980
Design Started - April 3, 1980

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - August 30, 1980

Design personnel are presently working on intersection design, guard rail, typical sections and summaries. Design is approximately 57% complete.

FH-1-2(1) Troy-Libby
Length - 17.1 Miles
Survey Authroized - May 25, 1977
Location Survey Started - September 2, 1977

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Comp. Date - January 29, 1980

Checking of survey data will resume as time permits.

F-52-1(1)11 Blue Bay Erosion Control
Length - 2.5 Miles (approx. 12 intermittent locations)
Survey Authorized - November 27, 1979
Survey & Design Started - Dec. 7, 1979

Design - Thomas, Dean & Hoskins
3 Sunset Plaza
Kalispell, Montana 59901
Est. Comp. Date - November 1980

Preliminary cost estimates are being prepared. The design is 39% complete.

RS-352-1(1)0 Dayton-Lake Mary Ronan
Length - 0.6 Miles
Survey Authorized - March 14, 1980
Survey Started - March 17, 1980
Survey Completed - March 28, 1980
Design Started - March 17, 1980

Loren Dollan, Designer III
Kalispell, Montana 59901
Phone: 755-5717
Est. Comp. Date - September 30, 1980

There has been no work in design the past period. Design is approximately 53% complete.

RS-382-1(1) Perma-North
Length - 2.8 Miles
Survey Authorized - October 4, 1979
Location Survey Started - Jan. 2, 1980

Ken Chrisinger, Field Project Manager
Kalispell, Montana 59901
Phone: 752-1160
Est. Comp. Date - November 1980

No work the past period.

M6701(1) Meridian Road
Between U.S. 2 and U.S. 93
Length - 1.2 Miles
Survey Authorized - February 21, 1975
Survey Started - November 20, 1979

Ray Munsinger, Field Project Manager
Kalispell, Montana 59901
Phone: 257-6567
Est. Comp. Date - Pending

The crew has been assigned to other projects and this survey will resume when personnel are available. 124 man days have been used to date with the location approximately 40% complete.

C O N S T R U C T I O N

TQF-1-2(1)148 Unit 1 Coram-West Glacier
Clearing & Grubbing
Length - 3.7 Miles
Contract Let - June 28, 1979
Contract Awarded - July 24, 1979
Contract Amount - $167,540.00
Proceed Order - August 14, 1979
Work Started - August 6, 1979

Rock, Inc.
P.O. Box 2368
Great Falls, Montana 59403
Gene Piedalue, Field Project Manager
Martin City, Montana 59926
Phone: 387-5754
Contract Time - 50 Working Days
Project Completed - April 18, 1980
Effective Opening Date - N/A

No work was done on the final this past period due to construction work. Final should be submitted to division office by July 25, 1980.

HES-1-2(16)108 Kila-West
Fencing High Hazard Area
Length - 0.6 Miles
Contract Let - April 3, 1980
Contract Awarded - April 5, 1980
Contract Amount - $9,483.46
Proceed Order - April 28, 1980
Work Started - May 5, 1890

Hanson Fencing Co.
Kalispell, Montana 59901
Ken Chrisinger, Field Project Manager
Kalispell, Montana 59901
Phone: 752-1160
Contract Time - 30 Working Days
Project Completed - May 15, 1980
Effective Opening Date - N/A

The final was submitted to division office June 13, 1980 and is being checked as time permits. It should be forwarded to Helena about July 18, 1980.

TQX-5-2(4)59 U.S. 93 - Polson
Safety Improvement
Length - 1.8 Miles
Contract Let - October 25, 1979
Contract Awarded - October 31, 1979
Contract Amount - $188,266.00
Proceed Order - April 15, 1980
Work Started - May 1, 1980

Midland Electric
Billings, Montana
Dan Tombrink, Civil Eng. III
Polson, Montana 59860
Phone: 883-4240
Contract Time - 60 Working Days
Prob. Comp. Date - August 15, 1980
Effective Opening Date - N/A

Progress has been good the past period. Midland Electric has spent the time continuing to install conduit. Sub-contractor, Parc, Inc., is excavating and grading the bike path and approaches and beginning to place the 3/8" top surfacing. The project is 45% complete with 58% of the contract time elapsed. Construction layout is 70% complete with 2 to 3 state personnel assigned to the project.

F-5-2(13)61 Lighting-Inters. U.S. 93
& Rocky Point Road - 1 Mile N. of Polson
Length - N/A
Contract Let - February 28, 1980
Contract Awarded - February 29, 1980
Contract Amount - $7,061.00
Proceed Order - April 15, 1980(see Spec. Prov.)
Work Started - May 8, 1980

Midland Electric
Billings, Montana
Dan Tombrink, Civil Eng. III
Polson, Montana 59860
Phone: 883-4240
Contract Time - 20 Working Days
Prob. Comp. Date - August 1, 1980
Effective Opening Date - N/A

The standards have arrived for this project and the contractor plans to install them beginning July 21, 1980. There has been no work the past period. The project remains at approximately 50% complete with 65% of the contract time elapsed. One to two state personnel are assigned to the project as required.

F-5-2(14)47 H & N St. U.S. 93 - Ronan
Curb & Gutter and Traffic Control Devices
Length - N/A
Contract Let - December 6, 1979
Contract Awarded - December 6, 1979
Contract Amount - $71,318.50
Proceed Order - April 16, 1980
Work Started - June 10, 1980

Pacemaker Industries, Inc.
Spokane, Washington
Dan Tombrink, Civil Eng. III
Polson, Montana 59860
Phone: 883-4240
Contract Time - 45 Working Days
Est. Comp. Date - August 1, 1980
Effective Opening Date - N/A

There has been no work on this project the past period as the contractor is waiting for the saturated ground conditions to dry up. The project is approximately 8% complete with 16% of the contract time elapsed. Construction layout is 40% complete with one to two state personnel assigned to the project as required.

HES-5-3(4)115 West Reserve - U.S. 93
Intersection Improvement
Length - 0.3 Miles
Contract Let - April 3, 1980
Contract Awarded - April 5, 1980
Contract Amount - $114,805.34
Proceed Order - April 28, 1980
Work Started - April 30, 1980

Pack & Company
Kalispell, Montana 59901
Ken Chrisinger, Field Project Manager
Kalispell, Montana 59901
Phone: 752-1160
Contract Time - 45 Working Days
Prob. Comp. Date - November 1, 1980
Effective Opening Date - N/A

Progress has been fair with the sub-contractor, Frank Gurney, Inc., working 2 - 4 hour shifts and 2 - 8 hour shifts the past reporting period, using three employees completing guard rail, signing and delineation. The contractor worked 1 - 8 hour shift cleaning up, using one laborer. The project is 85% complete with 71% of the contract time elapsed. Construction layout is approximately 95% complete with 1 to 3 engineering personnel assigned to the project as needed.

RS-TQS-DP 206-1(2)4 Half Moon-South
Grade, Gravel, Pl. Mix Bit. Surf. Seal
Cover, Signing
Length - 4.6 Miles
Contract Let - June 28, 1979
Contract Awarded - July 6, 1979
Contract Amount - $2,607,211.12
Proceed Order - July 27, 1979
Work Started - August 14, 1979

McIntyre Construction Co.
Great Falls, Montana 59403
Gerald Roat, Field Project Manager
Kalispell, Montana 59901
Phone: 755-5717
Contract Time - 160 Working Days
Prob. Comp. Date - October 1980
Effective Opening Date - Pending

Progress has been good the past 2 weeks. The contractor worked 9 - 8 hour shifts with one shift off for a holiday. Grading has been completed. 1½" Cr. Base Surfacing and 2" Select Surfacing have been completed. 3/4" Cr. Top Surfacing has been placed from Station 319+72.4 to 525+00 on the north bound lane. The contractor has approximately 30 personnel employed. The contract is approximately 73% complete with 79% of the contract time elapsed. Currently, there are 9 engineers and inspectors assigned to the project and have the construction layout 80% complete.

HES-209-1(1)0 Bigfork-East
Guard Rail & Delineation
Length - 4.9 Miles
Contract Let - February 4, 1980
Contract Awarded - February 4, 1980
Contract Amount - $62,599.45
Proceed Order - April 16, 1980
Work Started - April 16, 1980

Frank Gurney, Inc.
Spokane, Washington
Ken Chrisinger, Field Project Manager
Kalispell, Montana 59901
Phone: 752-1160
Contract Time - 45 Working Days
Est. Comp. Date - July 10, 1980

Work on the final is progressing with two engineering personnel assigned to the project as needed. Estimated submittal date to the division office set at July 25, 1980.

PMS 4140(57) Statewide
Epoxy Pavement Markings
Length - N/A
Contract Let - May 22, 1980
Contract Awarded - May 28, 1980
Contract Amount - $170,601.20
Proceed Date - Not Received
Work Not Started

Century Fence Co.
Box 466
Waukesha, Wisconsin 53187
Gene Piedalue, F.P.M. (Kal. Division)
Polson, Montana 59860
Contract Time - 45 Working Days
Est. Comp. Date - Pending

The preconstruction conference was held in Helena June 17, 1980. Contractor expects to be working in the Missoula and Kalispell divisions about August 1. No state personnel are presently working on the project.

PMS 4140(58) Statewide
Paint Striping
Length - N/A
Contract Let - May 22, 1980
Contract Awarded - May 28, 1980
Contract Amount - $335,384.28
Proceed Date - Not Received
Work Not Started

Mark Rite Lines, Inc.
238 Reynolds
Billings, Montana 59102
Ken Chrisinger, F.P.M. (Kal. Division)
Kalispell, Montana 59901
Contract Time - 75 Working Days
Est. Comp. Date - Pending

Estimated starting date in the Kalispell division has been set for approximately July 28, 1980, by the contractor. Construction layout work has progressed with four to eight engineering personnel assigned to the project, making it 65% complete.

M6799(7) & F-1-2(11)120
Kalispell Storm Drain & Idaho St. Overlay
Length - 2.1 Miles
Contract Let - June 19, 1980
Contract Awarded - July 1, 1980
Contract Amount - $2,730,125.40
Proceed Order - Not Received to Date
Work Not Started

Peter Kiewit & Sons Co.
P.O. Box 20036
Billings, Montana 59104
Ray Munsinger, Field Project Manager
Kalispell, Montana 59901
Phone: 257-6567
Contract Time - 180 Working Days

Two four member survey crews spent 9 days the past reporting period staking curb & gutters and storm drains. The preconstruction conference is scheduled for July 22 with construction expected to begin shortly after.

SMP 2977-80 Maintenance Crushing
6 Stockpiles in Lincoln & Sanders Counties
Contract Let - January 31, 1980
Contract Awarded - February 4, 1980
Contract Amount - $222,070.00
Proceed Order - February 25, 1980
Work Started - March 29, 1980

Konitz Contracting Co.
Lewistown, Montana 59457
Gary Marin, Materials Supv.
Kalispell, Montana 59901
Phone: 755-5717
Contract Time - 90 Working Days
Est. Comp. Date - October 20, 1980

The contractor finished crushing at the Summit Creek Pit #2720-59 on June 17, 1980. This finishes all of the crushing for this contract. He has used 67% of the contract time. Time assessment on this contract has been suspended pending seeding of pit areas later this fall. No changes in job status will be forthcoming until that time.

For Thomas J. Barnard, P.E.
Supv. Div. Const. Section

TJB:NN:mjb

DEPARTMENT OF HIGHWAYS

Butte, Montana

July 19, 1980

Department of Highways
Helena, Montana

Progress Report
Division 2130

GENTLEMEN:

The following report covers Construction & Preconstruction Operations in Division 2130 for the period ending July 17, 1980. The weather has been mild with rain showers and temperatures ranging from +39° to +82°.

PRECONSTRUCTION

RF 8-1(4)34
Avon-Elliston
Location Survey
12.1 Miles
Powell County

Claude Flynn, Manager
Field Project
Butte, MT - Tel. 494-3666
Estimated Completion Date:
Unknown

There will be no work on this project until the Fall of 1980. Centerline run is 67% complete. Cross-sections are 60% complete. Togography is 67% complete. Plan plotted is 52% complete. Project as a whole is 48% complete.

I 15-3(11)143
Elk Park-Bernice
Location Survey
10.2 Miles
Jefferson County

Alpha Engineers Montana Inc.
Butte, MT
Probable Completion Date:
Sept. 17, 1980

Continue to locate control points set previously and reset if necessary. Completed staking centerline 783+- to 868 centerline split alignment. Office calculations continue. Tied staked line to new line 762. Project as a whole is 8% complete.

I 15-3(12)150 P.E.
Bernice Basin
Design
7.1 Miles
Jefferson County

Morrison-Maierle, Inc.
Helena, MT
Probable Completion Date:
Dec. 31, 1980

STRUCTURES:
No progress this period. Awaiting comments on submitted preliminaries and approvals with comments from preliminary P-I-H on structures P613, P617 and P627.
ROAD
Completed earthwork quantities, summary and mass diagram in preparation for final P.I.H. Completed almost all quantity summaries and some detail sheets. Working on ch. ch. details recommended by Timberline Reclamation at recent meetings. No field work due to high water. Received some R/W ownerships & put on R/W plans. Still awaiting ownerships in town. Advance acquisition parcels received & put on plans. Project as a whole is 48% complete.

PRECONSTRUCTION

I 15-3(29)160 U-5
Boulder-West
Construction Staking
2.5 Miles
Jefferson County

Bill Bork, Manager
Field Project
Boulder, MT - Tel. 225-3962

A five (5) man crew has been running centerline, R/W line & slope staking. Layout as a whole is 35% complete.

I 15-3(32)157 U-2
Basin-East
Construction Staking
2.9 Miles
Jefferson County

John McGeever, Manager
Field Project
Butte, MT - Tel. 792-1797

A ten (10) man survey crew is staking. Centerline is 100% complete; referencing points is 82% complete; levels are 100% complete; grades are 78% complete; R/W is 12% complete; and x-sections are 34% complete.

S 34(4) Section 2
Jackson North
Design
7.566 Miles
Beaverhead County

Raymond M. Grant
Designer III
Butte, MT
Estimated Completion Date:
Unknown

The design of this project has been temporarily suspended to complete the design work on other projects. Plotting the mylar & profile, plotting & inking the cross-sections, tracing the plan & profile linens & laying & computing the grades are all 100% complete. The design remains 22% complete with 164 man days used to date.

F 55-3(1)2
Whitehall Storm Drain
Location Survey
0.000 Miles
Jefferson County

L.C. Hanson Co.
Helena, MT

Location portion is complete. The design portion of this project will be let at a future date.

RS 276-1(1)0
Browns Gulch Road
Design
8.0 Miles
Silver Bow County

Raymond M. Grant
Designer III
Butte, MT
Estimated Completion Date:

There was no work on the project for the period. Work has been suspended until the route is flown & photographed. The location survey as a whole remains 90% complete with 198 man days used to date.

DP 280-1(3)11
Montana York Bridge
Design
0.9 Miles
Lewis & Clark County

Henningston, Durham &
Richardson, Inc. of Montana
Helena, MT
Estimated Completion Date:
Aug. 22, 1980

We are continuing with the finalization of the superstructure designs & are continuing with the substructure design items. Project as a whole is 46% complete.

M 0299(4)
Anaconda Urban Street
Design
1.302 Miles
Deer Lodge County

Raymond M. Grant
Designer III
Butte, MT
Probable Completion Date:
Unknown

Design work on the project consisted of laying a prelimary grade to determine if the grade on the side streets presently under construction and the driveway entrance to the new religious center & medical center will be compatible with the future roadway. A three man crew expended 1 man day for 384 man days used to date. The location survey remains 91% complete. Additional topog. of property corners will be taken when a survey crew is available.

SR 359-2(1)6
Cardwell-Harrison
Overlay
Madison County
8.998 Miles

Raymond M. Grant
Designer III
Butte, MT
Estimated Completion Date:
Aug. 22, 1980

Design work for the period consisted of computing guardrail warrants, plotting cross-sections in digout areas & computing digout quantities. Draining digout areas has presented a problem & several methods of draining them are being explored. A three man crew expended 8 man days for a total of 46 man days used to date. Preparation of surfacing additional surfacing subcut excavation, seeding & topsoil, general items & guardrail summaries is 75% complete. Design of the guardrail bridge connection details is 100% complete.

RS 393-1(2)
Basin Creek Road
Design
2.85 Miles
Silver-Bow County

Raymond M. Grant
Designer III
Butte, MT
Estimated Completion Date:
Oct. 10, 1980

Design work for the period consisted of reviewing grade & alingment using a new typical section with a "V" ditch & one with a five foot ditch. The purpose of the review was to determine if involvement with the 24 inch water lines on the project could be reduced. The review has been completed & will be forwarded to Helena in the near future. It was found that the new typical would benefit the project in some areas, but, because the water line involvement is in fill sections no reduction in conflicts was achieved. A three man design crew expended 1 man day for a total of 363 man days used to date. Design work on the project as a whole is 54% complete. Design work on the project has been suspended untill the County of Butte-Silver Bow re-evaluates their road building priorities.

PRECONSTRUCTION

RS 441-1(1)0
Gregson Road
Design
Silver-Bow County
2.969 Miles

Raymond M. Grant
Designer III
Butte, MT
Completion Date:
Jan. 16, 1980

Final plans along with all design data were sent to Helena on Jan. 1980.

S 549-1(1)0
Whitehall-Jefferson Island
Design
3.920 Miles
Jefferson & Madison Counties

Raymond M. Grant
Designer III
Butte, MT
Probable Completion Date:
Unknown

It is anticipated that design work will resume on the project when the topography has been updated. The mylar & profile plotted, the plan & profile linens traced & the cross-sections plotted & inked are all 100% complete. Design remains 10% complete with 40 man days used to date.

M 5807(1)
M 5807(2)
M 5815(1)
Last Chance G/Neill to Lyndale Ave.
Last Chance G/Lyndale to Montana Ave.
Cruse Ave. 6th to Lawrence
Location & Design
1.8 Miles
Lewis & Clark County

City of Helena
Helena, MT
Probable Completion Date:
April 3, 1981

Preparing traffic & environmental data for next Steering Committee Meeting the second week in July. Northern Testing Laboratories-draft reports for noise monitoring and air quality were reviewed, commented upon, & returned to the authors for review of our questions & comments. Pavement evaluation/design is completed, & geology, physoigraphy, & climate data are being gathered. Anticipate completion of this activity during the week of 30 June 1980. Historical Research Associates-Research is complete, & about three-fourths of the report has been written. The project as a whole is 90% complete as of this date.

CONSTRUCTION

I 000B(2)U-6
Erosion Control on Divide
North & South
13.852 Miles
Silver-Bow County
Contract Let: Aug. 23, 1979
Bid Price: $357,657.39
Work Started: Sept. 9, 1979

Swan & Sons Constr., Inc.
Anaconda, MT
George Buckman, Manager
Field Project
Butte, MT - Tel. 494-4172
Contract Time: 50 Working Days
Completion Date:
July 14, 1980
Effective Opening Date: N/A

Final Inspection & Acceptance is pending. It is estimated that final data will be submitted to Helena on November 28, 1980.

I 000B(2)U-7
Cliff Benson Pit Reclamation
0.00 Miles
Powell County
Contract Let: May 28, 1980
Bid Price: $21,489.10
Work Started: June 19, 1980

Triangle Const. & Engineering
Anaconda, MT
George Buckman, Manager
Field Project
Butte, MT - Tel. 494-4172
Contract Time: 30 Working Days
Probable Completion Date:
October 20, 1980
Effective Opening Date: N/A

Work the past period consisted of laying riprap & excavating & forming Division boxes etc. The contractor employed three (3) men for 7-8 hour shifts. Project as a whole is 33% complete with 33% of the contract time elapsed. Construction layout as a whole is 100% complete with five (5) Engineers & one (1) Inspector engaged.

F FF 8-2(5)46 U-2
East Helena-East & West
Grading, Agg. Surf., Cem.
Treated Base, Lighting & a
Dual Prestressed Conc. Girder Bridge
7.0 Miles
Lewis & Clark County
Contract Let: Aug. 11, 1977
Bid Price: $4,596,878.30
Work Started: Sept. 28, 1977

Zook Brothers Constr., Co.
Great Falls, Mt
Robert Wilson, Manager
Field Project (Road)
Butte, MT - Tel. 792-1797
Albert Reather, Manager
Field Project (Bridge)
Boulder, MT - Tel. 225-4330
Contract Time: 200 Working Days
Completion Date:
June 11, 1979
Effective Opening Date: 11/2/78

Checking of Final Data is progressing in Division Office. It is estimated that Final Data will be sent to Helena on Aug. 15, 1980.

F 8-2(17)44
Signal Modification-Int. of
Montana Ave. with 11th Ave. & Prospect Ave.
- Helena
0.00 Miles
Lewis & Clark County
Contract Let: May 3, 1979
Bid Price: $41,030.00
Work Started: March 24, 1980

Pacemaker Industries, Inc.
Spokane, Wash.
Cark Engstedt, E.T.3
Helena, MT - Tel. 449-3031
Contract Time: 30 Working Days
Probable Completion Date:
Aug. 1, 1980
Effective Opening Date: N/A

Contractor waiting for 5" Backplates from supplier. Project as a whole is 99% complete with 97% of the contract time elapsed. Construction layout as a whole is 100% complete with 4 engineers engaged.

CONSTRUCTION

F 8-2(18)45
Intersection Improvement, 11th Ave.
& Fee St., - Helena
0.00 Miles
Lewis & Clark County
Contract Let: May 3, 1979
Bid Price: $119,573.00
Work Started: Oct. 1, 1979

Skinner Enterprises
Helena, MT
Carl Engstedt, E.T.3
Helena, MT - Tel. 449-3031
Contract Time: 30 Working Days
Completion Date:
April 29, 1980
Effective Opening Date: N/A

Final Inspection & Acceptance is pending. It is estimated that final data will be submitted to Helena on Oct. 29, 1980.

F 8-4(1)77 U-1
Plant Mix Overlay-Townsend-Toston
9.7 Miles
Broadwater County
Contract Let: Sept. 29, 1977
Bid Price: $643,415.70
Work Started: Oct. 4, 1978

Meyer Constr.,Co.
Billings, MT
Jack Erickson, Manager
Field Project
Butte, MT - Tel. 494-3666
Contract Time: 90 Working Days
Completion Date:
Oct. 30, 1979
Effective Opening Date: 11/29/78

Final Data is in the Division Office but checking has not started. It is estimated that final data will be submitted to Helena on Sept. 12, 1980.

I IG 15-1(44)0 &
I IG 15-1(46)9 U-1
Monida North & Lima South(South Section)
Add 2 Lanes, Signing & Structures
12.6 Miles
Beaverhead County
Contract Let: Aug. 24, 1978
Bid Price: $6,673,310.83
Work Started: Oct. 16, 1978

General Constr., Co.
Butte, MT
Irvin Broell, Manager
Field Project (Road)
Lima, MT - Tel. 276-3403
Harold Wiebe, Manager
Field Project (Bridge)
Lima, MT - Tel. 276-3578
Contract Time: 200 Working Days
Probable Completion Date:
Nov. 16, 1980
Effective Opening Date:

ROAD
Work the past period consisted of crushing gravel laying topsoil & placing 3" gravel from Station 2910+00 to 3301+00. Contractor employed 40 men for 7-9 hour shifts. Project as a whole is 54% complete with 68% of the contract time elapsed. Construction layout as whole is 94% complete, with 5 engineers & 9 inspectors engaged.
BRIDGES
Progress for the past two weeks was fair. Snowline Interchange at Sta.2888+20.00: No Work. Monida Interchange at Sta.3365+00.00: Cleaning up area. Separation at Sta.3222+00: Formed, placing & tying reinforcing steel, & placed concrete for Barrier Rail Lt. & Rt. side SB. Finishing concrete for NB & stripping base deck forms from SB. Bridge over UPRR at Sta.3306+70.65: No work. The Bridges over Junction Creek are complete except for minor concrete finishing. Percentages complete for the items are as follows: Class AD Concrete 85%; Reinforcing Steel 74%; Structure Excavation 85%; All Piling 100%; Prestressed Beams Type A 35' & 45' 100%; Class

I IG 15-1(44)0 &
I IG 15-1(46)9 U-1 Cont'd.
BD Concrete 66%; Structural Steel 73%. The structures as a whole are 66% complete. The contractor worked 9-8 hour shifts employing an average of 7 men.

I IG 15-1(46)9 U-2
Lima-South(North Section)
Add 2 Lanes - Grading, Surfacing & Construction 118.0' prestressed conc. girder o'pass (Lima Int.) & a 481.0' Composite st'l & Conc. girder Bridge (over UPRR)
4.4 Miles
Beaverhead County
Contract Let: May 3, 1979
Bid Price: $3,398,814.92
Work Started: May 16, 1979

General Constr., Co.
Butte, MT
Joseph Bettle, Manager
Field Project (Road)
Lima, MT - Tel. 276-3403
Harold Wiebe, Manager
Field Project (Bridges)
Lima, MT - Tel. 276-3578
Contract Time: 200 Working Days
Probable Completion Date: Oct. 30, 1980
Effective Opening Date:

ROAD
Contractor blading ditches & shaping topsoil between Sta.2501+- to Sta.2670+-. The contractor employed 6 men for 10-9 hour shifts. Project as a whole is 58% complete with 45% of the contract time elapsed. Construction layout as a whole is 99% complete with 2 engineers & 2 inspectors engaged.
BRIDGES:
Progress for the past two weeks was fair. Lima Interchange at Sta.2590+00: No Work. Bridge over UPRR at Sta.2713+00.06: Formed, placing & tying reinforcing steel, & placed concrete for Footings & Columns to first (1) construction joint Bent No.6 NB. Percentages complete for the items are as follows: Furnished Steel Bearing Piles 75%; Drive Steel Bearing Piles 75%; Structure Excavation 43%; Class AD Concrete 65%; Reinforcing Steel 46%; Class BD Concrete 19%; Prestressed Beams Type A 35' & 45" 100%. The structures as a whole are 30% complete. The contractor worked 9-8 hour shifts & employed an average of 9 men.

I 15-1(51)37 U-1
Structures & Approaches on
Armstead North & South
Construction of prestressed concrete girder structures & approaches
0.02 Miles
Beaverhead County
Contract Let: July 26, 1979
Bid Price: $506,064.63
Work Started: Sept. 18, 1979

Goodwin Constr., Co.
Blackfoot, Idaho
Robert Gilman, Manager
Field Project
Dillon, MT - Tel. 683-2268
Contract Time: 130 Working Days
Probable Completion Date: 9/30/80
Effective Opening Date: N/A

Structure Approach Grading: No Work. County Road Separation at Sta.183+73.12: Forming, placing & tying Reinforcing Steel, & placed concrete in Bents No.2 & 3 columns & Bent No.1 crossbeam. Forming, placing & tying Reinforcing Steel in Bent No.1 crossbeam. Stripping & finishing columns & backfilling around Bents No.2 & No.3. Horse Prairie Interchange at Sta.483+29.1: Setting Bent No.4 Expansion Joint. Placed concrete in Spans No.1 thru No.3 deck slabs. Percentages complete for the items are as follows: Traffic Control-Devices 29%; Traffic Control-Flagging 100%; Remove guardrail 100%; Unclassified Excavation 97%; Roadbed Compaction 98%; Haul 98%; Concrete-Class AD 64%; Concrete-Class BD 45%; End Span(Opp.II) 90%; Remove existing Bent & Span 100%; Prestressed Beams Type A 55ft. 100%; Prestressed Beams Type A 75ft.100%; Structural Steel 50%; Structure Excavation Type 1 98%; Treated Timber

I 15-1(51)37 U-1 Cont'd.
Test Piles 100%; Furnish & Drive Treated Timber Piles 100%; Pile Prebore Holes 100%; Reinforcing Steel 44%; Culvert Excavation 100%; Relay Piep Culvert 100%; RCP 24" Class 2 100%; Temporary Fencing 30%; Striping-Yellow Paint 62%; Striping-White Paint 27%; Detour-Construction & Maintain 90%; Mobilization 60%. The contractor worked 8-8 hour shifts & 1-10 hour shift employing an average of 9 men. The project as a whole is 67.3% complete with 60.0% of the contract time elapsed.

I 15-1(51)37 U-2
Armstead North & South
Grading, Agg. Surf., Pl. Mix
Bit. Surf., Signing, Seal & Cover
& a prestressed conc. girder bridge
5.9 Miles
Beaverhead County
Contract Let: Feb. 28, 1980
Bid Price: $3,399.704.18
Work Started: March 17, 1980

Zook Brothers Constr., Co.
Great Falls, MT
Frank Caprara, Manager
Field Project (Road)
Dillon, MT - Tel. 683-6290
Larry Brazda, Manager
Field Project (Bridges)
Dillon, MT - Tel. 683-2516
Contract Time: 190 Working Days
Probable Completion Date:
May 22, 1981
Effective Opening Date:

ROAD
Contractor hauling from borrow area Lt. Sta.235, to fil at Sta.442+50 to 450+00; hauling uncl. exc. from 394+00 to 404+00 to fill at 395+00 & 436+50; contractor running line, & blue-topping subgrade thru project,also, hauling rip-rap to bridge at Sta.166+50+-. Contractor went to single shift on July 9, 1980. The contractor employed 28 men for 10-9 hour shifts. Project as a whole is 40% complete with 32% of the contract time elapsed. Construction layout as a whole si 72% complete with 5 engineers & 4 inspectors engaged.
BRIDGE
The contractor removed the coffer dam on Pier 2 & is excavating Bents No.1 & 4 on the structure @ Sta.509. Will place footings on Bents No.1 & 4 during the next period @ Sta.509. The contractor is decking Span 2 @ Sta.166, will set beams on Span 1 & continue decking @ Sta.166. The contractor employed 14 men for 9-8 hour shifts. Bridge as a whole is 58% complete, with 30% of the contract time elapsed. Construction layout as a whole is 90% complete with 4 engineers engaged.

I 15-1(52)46 U-1
Pipe Organ North & South
(Structures & Approaches)
0.029 Miles
Beaverhead County
Contract Let: Aug. 23, 1979
Bid Price: $1,395,719.03
Work Started: Dec. 5, 1979

General Constr., Co.
Butte, MT
Robert Gilman, Manager
Field Project
Dillon, MT - Tel. 683-2471
Contract Time: 220 Working Days
Probable Completion Date:
July 31, 1981
Effective Opening Date:

Structure Approach Grading: No Work. Bridge over Beaverhead River SB @ Sta.562+42: Placed concrete in Bent No.1 crossbeam. Forming, placing & tying Reinforcing Steel, & placed concrete in Bent No.6 crossbeam & Bents No.2 & No.5 columns. Stripping & finishing Bent No.2 columns. Bridge over Beaverhead River SB @ Sta.764+36.1: Welding Prestressed Beams Span No.2; building footing forms for Bent No.4. Bridge over Beaverhead River @ Sta.764+80.0 (K-Line): Construction of Shoring & Crib, Excavating, forming, placing & tying Reinforcing Steel, & placed concrete in Pier No.2 footing.

I 15-1(52)46 U-1 Cont'd.
Percentages complete for the items are as follows: Unclassified Excavation 82%; Roadbed Compaction 83%; Haul 83%; Culvert Excavation 85%; Bedding Material 85%; Relay Pipe Culvert 100%; CSP 24" .079 86%; Traffic Control-Flagging 13%; Traffic Control-Devices 63%; Class AD Concrete 34%; Prestressed Beam Type A 60ft. 100%; Structural Steel 17%; Structure Excavation Type 1 85%; Structure Excavation Type 2 20%; Shoring & Cribs 45%; Furnish & Drive Steel Bearing Piles 63%; Reinforcing Steel 11%; Work Bridge 50%; Cost of Training Program 5%; Mobilization 50%. The contractor worked 9-8 hour shifts employing an average of 9 men. The project as as whole is 25.0% complete with 24.1% of the contract time elapsed.

I 15-1(54)51 U-1
Pipe Organ-North(Structures)
Construction of concrete girder Bridge (Two)
0.00 Miles
Beaverhead County
Contract Let: Oct. 25, 1979
Bid Price: $545,970.50
Work Started: May 6, 1980

Goodwin Constr., Co.
Blackfoot, Idaho
Larry Brazda, Manager
Field Project
Dillon, MT - Tel. 683-2516
Contract Time: 185 Working Days
Probable Completion Date:
Nov. 21, 1980
Effective Opening Date: N/A

The contractor has completed placing all substructure concrete @ Sta.417 & is now forming the deck. Contractor will begin work on the structure @ Sta.936 beginning first with structure layout & possibly a coffer dam in the next period. Contractor employed 4 men for 9-8 hour shifts. Project as a whole is 19% complete with 32% of the contract time elapsed. Construction layout as a whole is 45% complete with 4 engineers engaged.

I 15-1(54)51 U-3
Structure on Pipe Organ-North
Construction of a prestressed concrete
Girder Bridge
0.034 Miles
Beaverhead County
Contract Let: April 3, 1980
Bid Price: $414,447.05
Work Started: May 27, 1980

Morgen & Oswood Constr. Co., Inc.
Great Falls, MT
Larry Brazda, Manager
Field Project
Dillon, MT - Tel. 683-2516
Contract Time: 150 Working Days
Probable Completion Date:
Nov. 19, 1980
Effective Opening Date: N/A

The contractor completed the channel change, has placed coffer dam in position, & is driving sheets on Pier 2. The contractor will excavate & pour footing on Pier 2 during the next period. Contractor employed 5 men for 9-8 hour shifts. Project as a whole is 12% complete with 32% of the contract time elapsed. Construction layout as a whole is 90% complete with 4 engineers engaged.

I 15-2(44)131 &
I 15-3(39)134
Butte-North & Woodville-North
Pl. Mix Surf., Seal & Cover
12.3 Miles
Silver-Bow & Jefferson Counties
Contract Let: Aug. 23, 1979
Bid Price: $419,381.20
Work Started: Feb. 8, 1980

Jim Gilman Exc., Inc.
Butte, MT
Jack Erickson, Manager
Field Project
Butte, MT - Tel. 494-4172
Contract Time: 100 Working Days
Probable Completion Date:
August 18, 1980
Effective Opening Date: N/A

I 15-2(44)131 &
I 15-3(39)134 Cont'd.
Work the past period consisted of completing crushing operations & installing guard-rail. Contractor employed 10 men for 4-10 hour shifts. Project as a whole is 14% complete with 14% of the contract time elapsed. Construction layout as a whole is 70% complete with 2 engineers & 2 inspectors engaged.

I 15-3(29)160 U-2
Structure & Approaches on
The Basin-Boulder Road
Construction of dual prestressed
Concrete Girder Bridge (Two)
0/032 Miles
Jefferson County
Contract Let: May 31, 1979
Bid Price $577,140.45
Work Started: July 9, 1979

McIntyre Constr., Co.
Great Falls, MT
Albert Reather, Manager
Field Project
Boulder, MT- Tel. 225-4330
Contract Time: 160 Working Days
Completion Date:
May 5, 1980
Effective Opening Date: N/A

Final Inspection & Acceptance May 9, 1980. It is estimated that final data will be submitted to Helena on Nov. 14, 1980.

I 15-3(29)160 U-3
Structure & Approaches on
Boulder-West Road
Construction of precast concrete
Girder Bridge (Four)
0.111 Miles
Jefferson County
Contract Let: May 31, 1979
Bid Price: $1,616,808.00
Work Started: Aug. 8, 1980

Morgan & Oswood Constr. Co., Inc.
Great Falls, MT
Albert Reather, Manager
Field Project
Boulder, MT - Tel. 225-4330
Contract Time: 220 Working Days
Probable Completion Date:
Oct. 17, 1980
Effective Opening Date: N/A

No work at 1412. Placed concrete in Deck @ 1456 SB & placed concrete in diaphragms & endwalls @ 1456 NB, stripped & finished deck bottom @ 1468. The contractor employed 15 men for 9-8 hour shifts. Project as a whole is 85% complete with 67% of the contract time elapsed. Construction layout as a whole is 90% complete, with 4 engineers & 1 inspector engaged.

I 15-3(29)160 U-4
Structure & Approaches on the
Boulder-West Road
Construction of a dual concrete
slab bridge & approaches
0.015 Miles
Jefferson County
Contract Let: May 31, 1979
Bid Price: $307,941.15
Work Started: July 17, 1979

Frontier West Inc.
Missoula, MT
Albert Reather, Manager
Field Project
Boulder, MT - Tel. 225-4330
Contract Time: 130 Working Days
Completion Date:
June 7, 1980
Effective Opening Date: N/A

Final Inspection & Acceptance June 7, 1980. It is estimated that final data will be submitted to Helena on Nov. 28, 1980.

I IG 15-3(32)157 U-1
Structure-Basin East
Construction of a prestressed concrete
Girder Bridge
0.02 Miles
Jefferson County
Contract Let: May 31, 1979
Bid Price: $317,475.62
Work Started: July 17, 1979

Goodwin Constr., Co.
Blackfoot, Idaho
Albert Reather, Manager
Field Project
Boulder, MT - Tel. 225-4330
Contract Time: 130 Working Days
Probable Completion Date:
July 25, 1980
Effective Opening Date: N/A

The contractor is finished except for clean-up & final touch-up. The contractor employed 4 men for 8-8 hour shifts. Project as a whole is 98% complete with 94% of the contract time elapsed. Construction layout as a whole is 95% complete with 5 engineers engaged.

F 19-1(7)7
Park Ave. - Anaconda
Grading, Agg. Surf., Plant Mix
Bit. Base, Pl. Mix Bit. Surfacing
Seal & Cover, Lighting & Traffic Signals
1.2 Miles
Deer Lodge County
Contract Let: Sept. 28, 1978
Bid Price: $993,662.00
Work Started: May 7, 1979

Jim Gilman Exc., Inc.
Butte, MT
John McGeever, Manager
Field Project
Butte, MT - Tel. 792-1797
Contract Time: 90 Working Days
Probable Completion Date:
July 25, 1980
Effective Opening Date: 10/8/79

Work is complete except for some minor clean-up. Project as a whole is 99% complete with 80% of the contract time elapsed.

HES 29-4(5)75
Pipestone Pass-North
Installation of Traffic Control
Devices on US-10
8.9 Miles
Silver-Bow & Jefferson Counties
Contract Let: Oct. 25, 1979
Bid Price: $7,818.00
Work Started: May 15, 1980

Western Sign Corporation
Great Falls, MT
Jack Erickson, Manager
Field Project
Butte, MT - Tel. 494-4172
Contract Time: 15 Working Days
Completion Date:
May 27, 1980
Effective Opening Date: N/A

Final Data is in Division Office but checking has not started. It is estimated that final data will be submitted to Helena on Oct. 24, 1980.

F 29-4(6)86
Yale Ave. to Cornell Ave.
on Harrison Ave. - Butte
Intersection Improvements
0.00 Miles
Silver Bow County
Contract Let: Oct. 25, 1979
Bid Price: $97,672.50
Work Started: April 24, 1980

Pacemaker Industries Inc.
Spokane, Wash.
John McGeever, Manager
Field Project
Butte, MT - Tel. 792-1797
Contract Time: 45 Working Days
Completion Date:
July 2, 1980
Effective Opening Date: N/A

F 29-4(6)86 Cont'd.
Final Data is in Division Office but checking has not started. It is estimated that final data will be submitted to Helena on Nov. 14, 1980.

F 49-2(2)16
Twin Bridges-South
Pl. Mix Bit. Surf., Overlay
10.3 Miles
Madison County
Contract Let: July 27, 1978
Bid Price: $602,068.85
Work Started: Oct. 30, 1978

Meyer Constr., Co.
Billings, MT
Jack Erickson, Manager
Field Project
Butte, MT - Tel. 494-4172
Contract Time: 90 Working Days
Completion Date:
Aug. 25, 1979
Effective Opening Date: N/A

Final Data is in the Division Office but checking has not started. It is estimated that final data will be submitted to Helena on Sept. 19, 1980.

I IG 90-3(27)172 U-1
Garrison East & West(West Section)
The construction of a 590.83' Avg.
length dual composite steel &
Concrete girder bridge(Over Burlington
Northern, Inc.)
0.1 Miles
Powell County
Contract Let: May 26, 1977
Bid Price: $1,985,384.05
Work Started: July 27, 1977

General Constr., Co.
Butte, MT
Loren Matkin, Manager
Field Project
Dillon, MT
Contract Time: 280 Working Days
Completion Date:
Nov. 6, 1979
Effective Opening Date: N/A

Final Inspection & Acceptance Nov. 30, 1979. It is estimated that final data will be submitted to Helena on Oct. 10, 1980.

I IG 90-3(27)172 U-2 & F 88-1(1)1
Garrison East & West(West Section)
& Garrison Interstate Connection
Grading, Agg. Surf., Pl. Mix Bit.
Surf., Signing & Lighting on 4.2 Miles
of Project I IG 90-3(27)172 U-2
& Widening, Pl. Mix Bit. Surf.,
Signing & Lighting on 0.7 Miles
of Project F 88-1(1)1
4.9 Miles
Powell County

Contract Let: Sept. 29, 1977
Bid Price: $4,981,295.99
Work Started: Nov. 15, 1977
Washington Constr., Co.
Missoula, MT
Bill Bork, Manager
Field Project
Boulder, MT - Tel. 225-3962
Contract Time: 250 Working Days
Probable Completion Date:
July 21, 1980
Effective Opening Date: 11/20/79

Contractor finished pouring concrete slope protection on July 10, 1980 & has begun clean-up & sloping operations in these areas. The cutoff wall on multiplate Sta. 52+00 has been poured on the Lt. side & the Rt. side will be poured July 16, 1980. The sub-contractor Bob Clark & Sons returned July 14, 1980 to complete the fencing (Approx. 2200 Ft.). Project as a whole is 99% complete with 98% of the contract time elapsed. Construction layout as a whole is 100% complete, with 2 inspectors engaged. Contractor employed 10 men for 5-8 hour shifts.

I IG 90-3(27)172 U-3
Structure on Garrison East
& West(West Section)
Construction of a dual 692.5' Avg.
Prestressed concrete girder bridge
(over B.N.R.R.) a dual
131.5' prestressed concrete girder
Bridge(Little Blackfoot River)
0.156 Miles
Powell County
Contract Let: Sept. 29, 1977
Bid Price: $1,922,459.45
Work Started: Jan. 11, 1978

General Constr., Co.
Butte, MT
Loren Matkin, Manager
Field Project
Dillon, MT
Contract Time: 250 Working Days
Completion Date:
Nov. 30, 1979
Effective Opening Date: N/A

Final Data is in Division Office but checking has not started. It is estimated that final data will be submitted to Helena on Oct. 24, 1980.

IR 90-3(46)180
Deer Lodge-North & South
Plant Mix Overlay
8.6 Miles
Powell County
Contract Let: June 28, 1979
Bid Price: $1,199,967.70
Work Started: Aug. 15, 1979

Meyer Constr., Co.
Billings, MT
Claude Flynn, Manager
Field Project
Butte, MT - Tel. 494-3666
Contract Time: 70 Working Days
Probable Completion Date:
July 25, 1980
Effective Opening Date: N/A

No report received. Project as a whole is 97% complete with 80% of the contract time elapsed. Construction layout as a whole is 100% complete.

I 90-3(48)176
Garrison East & West(East Section)
Pl. Mix Surfacing, Seal & Cover
3.3 Miles
Powell County
Contract Let: March 29, 1979
Bid Price: $366,706.75
Work Started: May 9, 1979

Zook Brothers Constr., Co.
Great Falls, MT
Claude Flynn, Manager
Field Project
Butte, MT - Tel. 494-3666
Contract Time: 60 Working Days
Completion Date:
Aug. 19, 1979
Effective Opening Date: N/A

Final Data is in Division Office but checking has not started. It is estimated that final data will be submitted to Helena on Nov. 18, 1980.

I 90-3(53)193 & I 90-4(34)194
Racetrack-North & South
Warm Springs-North & South
Pl. Mix Surf., Seal & Cover
12.2 Miles
Powell & Deer Lodge Counties
Contract Let: Aug. 23, 1979
Bid Price: $1,359,963.00
Work Started: Sept. 25, 1979

Jim Gilman Exc. Co., Inc.
Butte, MT
Claude Flynn, Manager
Field Project
Butte, MT - Tel. 494-3666
Contract Time: 100 Working Days
Probable Completion Date:
July 31, 1980
Effective Opening Date: N/A

I 90-3(53)193 & I 90-4(34)194 Cont'd
No report received. Project as a whole is 70% complete with 41% of the contract time elapsed. Construction layout as a whole is 90% complete.

I 90-5(33)264
Milligan Canyon to Jct.287
Pl. Mix Bit. Overlay & Assoc. work
10.5 Miles
Jefferson & Broadwater Counties
Contract Let: July 17, 1978
Bid Price: $5,027,682.09
Work Started: March 19, 1979

McIntyre Constr., Co.
Great Falls, MT
Frank Caprara, Manager
Field Project
Dillon, MT - Tel. 683-6290
Contract Time: 200 Working Days
Probable Completion Date:
July 25, 1980
Effective Opening Date: 10/18/79

Sealing of this project will not be accomplished until the Summer of 1980. Project as a whole is 98% complete with 60% of the contract time elapsed.

I 90-5(41)233
Sewer Improvements
Homestake Rest Area
0.00 Miles
Jefferson County
Contract Let: May 28, 1980
Bid Price: $275,990.00
Work Not Started

Jim Gilman Exc. Co., Inc.
Butte, MT
Robert Wilson, Manager
Field Project
Butte, MT - Tel. 792-1797
Contract Time: 110 Working Days
Probable Completion Date:
Oct. 17, 1980
Effective Opening Date: N/A

Preconstruction Conference held, June 16, 1980.

HHS 280-1(2)U-2
Traffic Control Devices
Warren School Curves
0.00 Miles
Lewis & Clark County
Contract Let: May 31, 1979
Bid Price: $16,765.40
Work Started: April 17, 1980

LaSalle Constr., Co.
Havre, MT
Carl Engstedt, E.T.3
Helena, MT - Tel. 449-3031
Contract Time: 45 Working Days
Probable Completion Date:
Aug. 15, 1980
Effective Opening Date: N/A

No work the past period. Project as a whole is 77% complete with 16% of the contract time elapsed. Construction layout as a whole is 100% complete.

M 0299(3)
Anaconda Urban System
Grading, Pl. Mix Bit. Base,
Pl. Mix Bit. Surf. & Signing
2.8 Miles
Deer Lodge County
Contract Let: April 28, 1977
Bid Price: $966,307.40
Work Started: July 17, 1977

Zook Brothers Constr., Co.
Great Falls, MT
George Buckman, Manager
Field Project
Butte, MT - Tel. 494-4172
Contract Time: 120 Working Days
Completion Date:
Nov. 8, 1978
Effective Opening Date: 5/19/78

M 0299(3) Cont'd.
Final Data has not been received in Division Office. It is estimated that final data will be sent to Helena on Oct. 10, 1980.

BRS 361-1(3)17
Structure & Approaches
West of Twin Bridges
Construction of prestressed concrete
Girder Bridge & Grading, Agg. Surf.,
& Road Mix Surf., of the approaches
0.2 Miles
Madison County
Contract Let: Sept. 28, 1977
Bid Price: $557,136.64
Work Started: Nov. 4, 1977

McIntyre Constr., Co. &
S. Birch Inc.
Great Falls, MT
Harold Wiebe, Manager
Field Project
Lima, MT - Tel. 276-3578
Completion Date:
July 10, 1979
Effective Opening Date: 10/31/78

Final Data is in Division Office but checking has not been started. It is estimated that final data will be submitted to Helena on Sept. 19, 1980.

RS BRS 441-1(3)0 U-1
Gregson(Structure)
Construction of a prestressed concrete
Girder Bridge
0.00 Miles
Silver-Bow County
Contract Let: Nov. 29, 1979
Bid Price: $238,690.00
Work Started: Feb. 28, 1980

COP Constr., Co.
Billings, MT
Clare Sands, E.T.3
Butte, MT - Tel. 494-3666
Contract Time: 110 Working Days
Probable Completion Date:
July 31, 1980
Effective Opening Date: N/A

In the past two weeks, most of the work has consisted of preparing for & placing concrete for the deck slab. Most of the deck forms have been pulled & cleaned. The contractor will place barrier concrete next week. Contractor employed 9 men for 6-8 hour shifts. Project as a whole is 84% complete with 44% of the contract time elapsed. Construction layout as a whole is 100% complete with 2 engineers engaged.

M 5816(3)
Broadway-Helena
Grading, Agg. Surf., Pl. Mix
Bit. Base, Pl. Mix Bit. Surf.,
Sidewalks & related items
0.9 Miles
Lewis & Clark County
Contract Let: Aug. 11, 1977
Bid Price: $477,717.13
Work Started: Sept. 12, 1977

Dugdale Constr. Co., Inc.
Butte, MT
Carl Engstedt, E.T.3
Helena, MT - Tel. 449-3031
Contract Time: 110 Working Days
Completion Date:
May 15, 1979
Effective Opening Date: N/A

Checking of Final Data is progressing in Division Office. It is estimated that final data will be submitted to Helena on Sept. 19, 1980.

Kenneth G. Rapp, P.E.,
Supervisor Division Construction Section - Butte

KGR/GBH/MJJ/mfd

July 18, 1980

P.O. Box 1110
Bozeman, MT 59715

Department of Highways
Helena, MT 59601

Gentlemen:

Following is a report covering Construction and Preconstruction operations in the Bozeman Division for the two-week period ending July 18, 1980. Temperatures ranged between 40° and 96° and generally the weather has been favorable for all construction operations.

PRECONSTRUCTION

F 11-1(1)54
Park Street - Livingston
Length - 1.6 Miles

William G. Shuyler, FPM
Phone 222-1795 Livingston

All requested field work has been completed.

F 13-1( )24
8 Mi. So. of Cameron - South
Length - 9.0 Miles

Engineer Unassigned

All requested field work has been completed.

F 13-1( )30
3 Mi. So. of Cameron - South
Length - 5.0 Miles

Ole F. Olson, FPM
Phone 586-5074 Bozeman

All requested field work has been completed.

F 13-1(4)56
Norris Hill
Length - 9.0 Miles

Design - Alpha Engineers, Inc.
Completion: 12-12-79

The design of this project has been completed.

F 29-1(8)0 U-1
West of Ennis
Length - 7.7 Miles

Engineer Unassigned

No information has been requested from the field to date.

F 50-2(4)79
Bozeman - West
Approx. Length - 9.0 Miles

Thomas, Dean & Hoskins, Inc.
Great Falls, Montana
Consulting Engineers

The last report received from the consulting engineer indicating progress, showed that the design is now 57% complete.

F 59-1(5)7
Clyde Park - So.
Length - 7.3 Miles

Donald J. Coughlin, FPM
Phone 222-7737 Livingston

All requested field work has been completed and this project is presently scheduled to go to contract on October 2, 1980.

HES 86-1( )1
Int. of FAP 86 & FAS 536

Ole F. Olson, FPM
Phone 586-5074 Bozeman

The field work for the detailed bridge survey requested April 7, 1980, and additional cross sections for the projected centerline of Griffin Street have been obtained and this information will be forwarded to Helena in the near future.

F 86-1(3)23
Park County Line - South
Length - 8.1 Miles

Donald J. Coughlin, FPM
Phone 222-7737 Livingston

It is estimated that the irrigation surveys and hydraulic survey of Fairy Creek will be transmitted to Helena by Sept. 1, 1980.

F 86-1(4)18
Battle Ridge No. & So.
Length - 6.1 Miles

Larry O. Williams, Designer III
Phone 586-9562 Bozeman
Estimated Completion: Feb. 1981

Two men have been working on the design of erosion control devices, approaches, writing preliminary special provisions, inking detailed drawings and summary sheets. The design is now 50% complete.

F 86-1(5)3
Bridger Canyon Road
Length - 1.8 Miles

Larry O. Williams, Designer III
Phone 586-9562 Bozeman
Estimated Completion: Jan. 1981

There was no work on the design of this project and the design remains 22% complete.

I 90-6(36)315 U-3 — Engineer Unassigned
Bozeman Pass - West, Rest Area

No information has been requested from the field to date.

IR 90-6(38)309 — Engineer Unassigned
Rocky Canyon Overlay
Length - 5.3 Miles

The survey data requested at the field review on April 23, 1980, will be obtained as soon as a crew becomes available.

I 90-7(21)339 — Roger E. Blossom, PE, FPM
Springdale - West — Phone 932-3515 Big Timber
Length - 9.2 Miles

All requested field work has been completed.

I 90-7(36)318 U-2 — Engineer Unassigned
Bozeman Pass - East, Rest Area

All work requested from the field has been completed.

I 90-7(37)350 — George A. Sitton, FPM
Springdale - Big Timber (W. Section) — Phone 932-2485 Big Timber
Length - 7.8 Miles

This project is presently scheduled for the October 2, 1980, letting.

HES 205-1(1)28 U-2 — Ole F. Olson, FPM
North of Bozeman — Phone 586-5074 Bozeman
Right Turn Lane

All requested field work has been completed.

RS 411-1(1)0 — Ole F. Olson, FPM
Springhill Road — Phone 586-5074 Bozeman
Length - 5.3 Miles

All field work requested to date has been completed.

S 478-1(1)0
Big Timber - North & East
Approx. Length - 9.1 Miles

Larry O. Williams, Designer III
Phone 586-9562 Bozeman
Estimated Completion: 1981

There has been no work on this design this period and it remains 40% complete with a total of 167 man days expended.

RS 540-1(1)0
East River Road - Park County
Length - 23.0 Miles

Engineer Unassigned

A meeting was held on May 21, 1980, with the Park County Commissioners to discuss the various alternates for this project.

RS-BRS 563-1(3)0 U-2
Springdale - Hunters Hot Springs
Length - 1.0 Mile

Donald J. Coughlin, FPM
Phone 222-7737 Livingston

This project is currently scheduled for the October 30, 1980, letting.

M 1201(1)
North 19th - Bozeman, Design
Approx. Length - 0.4 Mile

Thomas, Dean & Hoskins, Inc.
Bozeman, Montana

The final Plan-in-hand inspection was held on May 13, 1980, and the Plan-in-hand report has been approved.

M 1202(1)
Oak Street - Bozeman
Approx. Length - 0.8 Mile
Survey Started: July 26, 1976

Engineer Unassigned

All requested field work has been completed.

M 1212(1)
Kagy Lane from Willson to Highland
Design Bozeman
Approx. Length - 1.1 Miles

Thomas, Dean & Hoskins, Inc.
Bozeman, Montana

Thomas, Dean & Hoskins is presently redesigning this project.

M 1212(4)
Kagy from 3rd to 19th - Bozeman
Length - 1.0 Mile

Engineer Unassigned

This location survey has not been started to date.

M 7406(1)
Main, Chinook & Gallatin - Livingston
Design Approx. Length - 1.3 Miles

Morrison-Maierle, Inc.

Design of this project is now 100% complete.

CONSTRUCTION

F 59-1(4)14 U-1
Clyde Park - North
One 151.5' Prestressed Concrete Girder Bridge
Contract Awarded: June 29, 1979
Contract Amount: $378,665.00
Proceed Order Date: July 20, 1979
Work Started: September 17, 1979

COP Construction Company
Billings, Montana
Jerry R. Branum, FPM
No Phone Livingston
Contract Time: 130 Working Days
Completion Date: June 6, 1980
Effective Opening Date: N.A.

One man has been working on the preparation of the final estimate and supporting data. The final estimate is now 85% complete with an estimated date of submittal to the Division Office of August 15, 1980.

F 59-1(4)14 U-2
Clyde Park - North
GR., AGG. Surf. Pl. Mix Surf.
Length - 6.2 Miles
Contract Awarded: December 6, 1979
Contract Amount: $2,537,329.50
Proceed Order Date: April 16, 1980
Work Started: February 19, 1980

Wickens Brothers
Lewistown, Montana
Donald J. Coughlin, FPM
Phone 222-7737 Livingston
Contract Time: 140 Working Days
Probable Completion:
Effective Opening Date:

Progress has been fair with the contractor employing 20 men and working ten nine-hour shifts. Culvert installation is in progress at various locations and the contractor completed the installation of 298 l.f. of culvert during the past period. Grading operations, and the stripping and stockpiling of topsoil is in progress in the cut at Sta. 430 through Sta. 473. The contractor accomplished 20,000 c.y. of unclassified excavation bringing this item to 8% complete.

F 64-1(4)3 U-2
US 191 - Big Sky Spur
Gr., Dr., Agg., Surf., Pl. Mix Surf.
Length - 6.1 Miles
Contract Awarded: August 24, 1979
Contract Amount: $4,095,893.40
Proceed Order Date: September 14, 1979
Work Started: September 21, 1979

Rehbein Contracting, Inc.
Plains, Montana
Harold G. Heath, FPM
Phone 995-4856 Big Sky
Contract Time: 180 Working Days
Probable Completion:
Effective Opening Date:

Progress has been fair with the contractor employing 64 men and working ten eight-hour shifts. Grading operations are in progress between Sta. 159 and Sta. 278. The contractor accomplished excavation of 25,000 c.y. of unclassified excavation bringing this item to 21% complete. Crushing and stockpiling of 1½" base coarse and 3/4" top surfacing was also performed. Six thousand tons of 1½" material was produced and 11,000 tons of 3/4" top surfacing was crushed and stockpiled. Work on culvert installation at Sta. 267, Sta. 275 and Sta.290+91 was also in progress. Approximately 426 l.f. of culvert was installed. A 14 man engineering crew is assigned to this project which is 22% complete, with 37% of the contract time elapsed. The contractor has 109 working days of contract time remaining.

IR 90-3(50)184 U-1
Replacement of sliding plate expansion joint
(Gallatin and Park Counties)
Contract Awarded: May 30, 1980
Contract Amount: $731,524.00
Proceed Order Date: June 25, 1980
Work Started:

Skinner Enterprises
Helena, Montana
Jerry R. Branum, FPM
No Phone Livingston
Contract Time: 150 Working Days
Probable Completion:
Effective Opening Date: N.A.

No word has been received from the contractor regarding the preconstruction conference.

I 90-6(30)309, I 90-6(36)315 U-2
I 90-7(38)318
Rocky Canyon Safety, Bozeman Pass - West
and Bozeman Pass - East (W. Section)
Grade, Agg. Surf., Plant Mix Base,
Structures
Length - 7.1 Miles
Contract Amount: $9,845,688.09
Contract Awarded: May 28, 1976
Proceed Order Date: June 22, 1976
Work Started: July 6, 1976

Goodfellow Brothers, Inc.
Wenatchee, Washington
Ross M. Johnson, FPM - Grade
Phone 932-3722 Big Timber
Jerry R. Branum, FPM - Structures
Contract Time: 300 Working Days
Completion Date: 9-6-79
Effective Opening Date: 9-6-79

Three men have been working on the preparation of the final estimate and supporting data which is now approximately 95% complete with an estimated date of submittal to the Division Office of August 1, 1980.

I 90-6(42)315 & I 90-7(44)318
Boz. Pass - West; Boz. Pass - East
Plant Mix Overlay
Length - 11.6 Miles
Contract Awarded: October 2, 1979
Contract Amount: $3,614,999.31
Proceed Order Date: 10-26-79
Work Started: June 10, 1980

Zook Brothers Construction Co.
Great Falls, Montana
Ole F. Olson, FPM
Phone 586-5074 Bozeman
Contract Time: 120 Working Days
Probable Completion: 10-01-80
Effective Opening Date:

Progress has been good with the contractor employing 12 men. Work in progress consisted of crushing and stockpiling plant mix aggregate. Thirty thousand tons of this material was produced during the past period and the contractor has approximately 62% of the amount required for the project in a stockpile. Plans are to move the hot plant on to the project within the next two weeks. A ten man engineering crew is assigned to this project which is 7% complete with 46% of the contract time elapsed. The contractor has 64 working days of contract time remaining.

I 90-7(35)364 U-2, I 90-7(35)364 U-4
I 90-7(34)375
Big Timber - Greycliff (E. Section)
Greycliff - East Access Road
G., Strs, @ Sta. 580+, 620, 680, 690
GS, PMS
G, GS, PMS
Length - 5.5 Mi., 6.4 Mi., 0.4 Mi.
Contract Awarded: April 11, 1979
Contract Amount: $5,633,978.53
Proceed Order Date: May 2, 1979
Work Started: May 2, 1979

Clark Brothers Construction
Victor, Montana
Roger E. Blossom, PE, FPM, Grade
Phone 932-3515 Big Timber
Ronald T. Hoyem, FPM, Structures
Phone 932-3272 Big Timber
Contract Time: 240 Working Days
Probable Completion: Sept. 1980
Effective Opening Date:

Progress on the structures has been good with the subcontractor employing between four and six men and working nine eight-hour shifts. Work in progress on the Upper Deer Creek structures at Sta. 588+47 has consisted of tying the steel for the barrier curb and stripping deck forms. For the structure at Sta. 680+90 the contractor placed 26 c.y. of BD concrete for the barrier rails on the lower Deer Creek structures both eastbound and westbound. Ten thousand two hundred eleven pounds of reinforcing steel was used completing this item. Twenty-six c.y. of Class BD concrete was placed bringing this item to 93% complete. A four man engineering crew is assigned inspection duties on the structure portion of this contract and a 12 man engineering crew is assigned inspection duties on the grading portion. As of July 5, 1980, the contractor had 59 working days of contract time remaining.

I 90-7(35)364 U-3
Big Timber - Greycliff (Mid. Sect.)
Length - 3.2 Miles
Grading, Agg., Pl. Mix Bitum.
Surf., 245.5' and 321.0' Prest.
Conc. Girder Bridges
Contract Awarded: 2-20-79
Contract Amount: $2,812,366.01
Work Started: 4-27-79

Washington Construction Co.
Missoula, Montana
George A. Sitton, FPM, Grade
Phone 932-2485 Big Timber
Ronald T. Hoyem, FPM, Structures
Phone 932-3272 Big Timber
Contract Time: 180 Working Days
Probable Completion: Oct. 31, 1980
Effective Opening Date:

Progress has been poor with the prime contractor employing between eight and twelve men and working nine eight-hour shifts, and the paving subcontractor employing 14 men and working two nine-hour shifts. Work the past period consisted of placing 3/4" and 1½" aggregate on approaches and low spots in the roadway. Topsoil placement, finishing operations, and general clean up work was also in progress. Plant mix operations were started on July 16, 1980, and suspended on July 17, 1980. With the exception of the bridge ends and the connection to the PTW on the west end, the "B" line paving has been completed. During the past two weeks the contractor has placed 6,300 tons of 3/4" aggregate bringing this item to 76% complete. The contractor also placed 3,090 tons of 1½" aggregate and this item is now 80% complete. The contractor placed 2,557 tons of plant mix on the "B" line and the plant mix item is now 70% complete. Progress on the structure has been good with the contractor employing between eight and ten men and working nine eight-hour shifts. The contractor placed 95 c.y. of BD concrete for the backwalls and diaphragms for the structure at Sta. 1896 on July 14, 1980, and July 15, 1980. The structure subcontractor placed 13,500 pounds of reinforcing steel and 95 c.y. of Class BD concrete. The reinforcing steel item is now 29% complete and the Class BD concrete item is now 11% complete. A four man engineering crew is assigned inspection duties on the structure portion of the project, and a nine man engineering crew is assigned inspection duties on the grading portion. The project is 80% complete with 93% of the contract time elapsed. The contractor has 13 working days of contract time remaining, but has requested a 42 day extension because of the fuel shortage at the time work was started.

I 90-7(35)364 U-5
Big Timber - Greycliff
Girder Str. (Over Boulder River)
Dual 323' Prest. Conc.
Contract Awarded: 6-8-79
Contract Amount: $1,259,840.20
Proceed Order Date: 7-5-79
Work Started: 7-12-79

Sletten Construction Company
Great Falls, Montana
Ronald T. Hoyem, FPM
Phone 932-3272 Big Timber
Contract Time: 220 Working Days
Probable Completion Date:
Effective Opening Date:

Progress has been good with the contractor employing between 14 and 19 men and working nine eight-hour shifts. Work has been concentrated on the eastbound structure and the contractor placed 187 c.y. of Class BD concrete for deck spans #1 and #2 on July 14, 1980, and placed 229 c.y. of Class BD concrete for deck spans #3 and #4 on July 15, 1980. The Class BD concrete item on the original contract is now 45% complete, and on the supplemental aggreement it is 30% complete. A four man engineering crew is assigned inspection duties on this project which is 82% complete with 66% of the contract time elapsed. The contractor has 140 working days of contract time remaining.

I 90-7(35)364 U-6
I 90-7(35)364 U-7
I 90-7(41)359
F 91-1(2)0
Big Timber - Greycliff (W. Section)
Big Timber - Greycliff
Springdale - Big Timber (E. Section)
Big Timber - East & West
GR., Agg., Surf., Pl. Mix Surf. & Dual Girder Str.
Length - 11.6 Miles
Contract Awarded: August 24, 1979
Contract Amount: $9,061,336.92
Proceed Order Date: 9-25-79
Work Started: October 24, 1979

Hilde Construction Co., Inc.
Great Falls, Montana
Ross M. Johnson, FPM, Grade
Phone 932-3722 Big Timber
Dale DeVore, FPM, Structures
Contract Time: 270 Working Days
Probable Completion:
Effective Opening Date:

Progress has been good with the contractor employing 57 men and working double nine-hour shifts a day, five days a week. Work is in progress at the west end of the project where the contractor is building the connection to the PTW from Sta. 1386 to Sta. 1398, and also on the ramps at the DeHart Interchange. Finishing operations are in progress on the mainline between Sta. 1446 and Sta. 1513, and between Sta. 1560 and Sta. 1590. Hauling was started on borrow from the Helvick pit on July 9, 1980, and placing this material in the fill between Sta. 1723 and Sta. 1729. A total of 249 c.y. of unclassified borrow and unclassified excavation was accomplished this period bringing these items to 49% complete. Culvert installation is in progress at various locations and 288' were installed bringing the culvert portion of this contract to 64% complete. The subcontractor, COP Construction Company, had good progress this past period employing between eight and fifteen men and working five eight-hour shifts per week. Work has been concentrated on the concrete barrier rail and general clean up at the DeHart Interchange site which is presently 96% complete. Concrete was placed for the westbound deck at the grade separation at Sta. 1513. This site is now 92% complete. There was no work on the structures at the west Big Timber Interchange, and this site remains 40% complete. COP Construction plans to resume operations at this site approximately July 21, 1980. The structure portion of the contract as a whole is 71% complete. A four man engineering crew is assigned inspection duties on the structure portion of the project and a 14 man crew is assigned to the grading portion. The project as a whole is 37% complete with 34% of the contract time elapsed. The contractor has 177 working days of contract time remaining.

I 90-7(36)321 U-1
Bozeman Pass - East (E. Section)
Grading, Agg., Surf., Pl. Mix Bit. Base
Fencing, Signing, Structures
Dual 123.0' Steel & Conc. Overpass
Dual 78.0' Steel & Conc. Overpass
Contract Awarded: 8-27-75
Contract Amount: $5,703,449.81
Proceed Order Date: 9-18-75
Work Started: 9-15-75

Clark Brothers Contractors
Victor, Montana
George Sitton, FPM
Phone 932-2485 Big Timber
Contract Time: 250 Working Days
Completion Date: 6-30-78
Effective Opening Date: 6-23-78

The final estimate and supporting data will be held in the Bozeman Division Office until settlement of the haul claim.

RS-BRS 563-1(3)0 U-1
Springdale - Hunters Hot Springs
471' Structure and Approaches
Contract Awarded: July 27, 1979
Contract Amount: $980,785.39
Proceed Order Date: 8-17-79
Work Started: 9-18-79

Morgen & Oswood Const. Co., Inc.
Great Falls, Montana
Jerry R. Branum, FPM
No Phone Livingston
Contract Time: 240 Working Days
Probable Completion Date: Dec. 1980

Progress has been poor with the contractor employing an average of four men and working four eight-hour shifts and two ten-hour shifts. Work consisted of repairing equipment and general clean up of the project. The contractor suspended work on all major items until the river subsides. The contractor started rebuilding the work bridge on July 14, 1980, and will be working ten-hour shifts. A two man engineering crew is currently assigned to this project which is 45% complete with 54% of the contract time elapsed. The contractor has 110 working days of contract time remaining.

M 7403(3) & M 7404(3)
5th St. - Park to Front - Livingston
Front St. - Main to Cemetery - Livingston
Gr., Agg. Surf. and Signing
Length - 1.6 Miles
Contract Awarded: February 4, 1980
Contract Amount: $629,771.95
Work Started: March 13, 1980

Rehbein Contracting, Inc.
Plains, Montana
William G. Shuyler, FPM
Phone 222-1795 Livingston
Contract Time: 90 Working Days
Probable Completion: August 15, 1980
Effective Opening Date:

Progress has been poor with the contractor employing three men. Very little work was done and Rehbein began removing the blacktop between Sta. 80 and Sta. 81 on July 17, 1980. The contractor plans to begin excavation operations on July 24, 1980. An eight man engineering crew is currently assigned to this project which is 48% complete with 67% of the contract time elapsed. The contractor has 30 working days of contract time remaining.

SMP 1699-79
Carbon, Gallatin & Sweet Grass Counties
Gravel Crushing
Contract Awarded: May 10, 1979
Contract Amount: $198,622.00
Proceed Order Date: 5-31-79
Work Started: 6-27-79

R. J. Studer & Sons
Billings, Montana
Contract Time: 60 Working Days
Completion Date: 5-22-80
Walter H. Deighton, Mat'l Supr.
Phone 586-9562 Bozeman

Pit reclamation was completed May 22, 1980. The final estimate and supporting data should be submitted to the Division Office by July 25, 1980.

Respectfully,

Richard C. Holmes, PE, Supervisor
Division Construction Section

RCH:EJR:mt
cc: Lee Alt
Boz. Div. Ofc. & Lab.

DEPARTMENT OF HIGHWAYS
GREAT FALLS, MONTANA
JULY 21, 1980

Department of Highways
Helena, Montana

Progress Report
Division 3130

Gentlemen:

Herewith is the Progress Report for Division 3130 during the period July 8, 1980 through July 21, 1980.

GENERAL

Weather has been generally favorable, with temperatures ranging from 65° to 85°.

PRE-CONSTRUCTION

F 60-2(3) Great Falls - East
F 64(15)
Length: 9.537 Miles
Design Started: September 7, 1976

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: Dec. 31, 1980

Two men worked 10 days preparing summary sheets. Design is 59% complete.

F 3-1(1)
Fairfield - East & West
Design

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: Dec., 1980

EAST SECTION - 4.9 MILES
No progress during this reporting period. Design remains 71% complete.

F 9-1(1)
F 238(13) Bowman's Corner - Augusta
Design Started: March 12, 1978

R. Fransen - Designer II
Great Falls - Phone #452-2361

SOUTH SECTION - 5.6 MILES
Design work on this portion will begin in the near future. Probable completion date - December, 1980.
MIDDLE SECTION - 5.4 MILES
No progress during this reporting period. Design remains 17% complete. Probable completion date - December, 1980.
NORTH SECTION - 3.8 MILES
Design work on this portion will begin in the near future. Probable completion date - December, 1980.

IR 15-5(69)
Ulm - Gore Hill
South Frontage Road
Plant Mix Surface
Length: 3.5 Miles
Design Started: June 30, 1980

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: Aug. 29, 1980

No progress during this reporting period. Design remains 5% complete.

FR 60-2(8) 181
Belt - East & West
Plant Mix Overlay
Length: 10.6 Miles
Design Started: June 23, 1980

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: Sept. 30, 1980

No progress during this reporting period. Design remains 2% complete.

RS 565-1(1)
Simms - North
Length: 1.1 Miles
Design Started: September 10, 1979

R. Fransen - Designer II
Great Falls - Phone #452-2361
Prob. Comp. Date: July 25, 1980

Two men worked 11 days preparing design for P.I.H. Design is 59% complete.
Printing of P.I.H. prints will be done during the week of July 21, 1980.

U 60-2(1) 92
Warden Bridge - Great Falls
Cascade County
Design
Length: 0.58 Miles

H.D.R., Inc. of Mont. - Helena
Phone #442-7400
Design Authorized: June 20, 1979
Completed: June 30, 1980

With the submittal of June 30, 1980, the design of subject project is now complete. Final report.

M 5212(1)
Great Falls South Arterial
Cascade County
Location & Design
Length: 7.6 Miles

HKM Associates - Billings
Phone #245-6354 or #259-1993
Survey Authorized: Dec. 4, 1978
Work Started: Dec. 4, 1978
Estimated Comp.: Sept., 1980

1. Reviewing comments on draft EIS for preparation of final EIS.
2. Have not yet received transcript of May 1, 1980 Public Hearing.
Contract remains 86% complete.

IR 15-1(62) U-1
Elastomeric Expansion Joints
Lewis & Clark, Cascade & Toole Counties
Contract Awarded: November 29, 1979
Amount of Contract: $187,204.00
Work Started: May 12, 1980

Skinner Enterprises
P.O. Box 5447 - Helena
Stan Newton - Mgr. F.P.U.
Wolf Creek - Phone #235-4405
Comp. Time: 100 Working Days
Prob. Comp. Date: Sept. 30, 1980

Progress has been fair. The contractor using an average 4 man crew in the preparation and placement of elastomeric joints at the Missouri River Bridge near Gary Cooper Ranch 15 miles north of Wolf Creek and the Spring Creek Structure 8 miles south of Wolf Creek. Northbound traffic being channeled to single lane at both sites. Items and percentages complete are: Partial Depth Slab Repair - 26%, Full Depth Slab Repair - 6% and Elastomeric Expansion Joint - 21%. The project as a whole is 32% complete with 36% of the contract time elapsed. Two man engineering crew engaged in layout (50%), inspection and testing.

I 15-4(51) 217
IR 15-4(53) 218
Sieben - Wolf Creek
Lewis & Clark County
Length: 12 Miles
Contract Awarded: April 5, 1980
Contract Amount: $5,221,837.97

Zook Bros. Const. Co.
P.O. Box 2025
Great Falls, Mt. 59403
Glen Enderson - Mgr. F.P.U.
Wolf Creek - Phone #235-4405
Comp. Time: 180 Working Days
Prob. Comp. Date: July, 1981

Progress has been fair. The contractor using an average of 45 man crew is engaged in crushing and stockpiling 1" base material (crusher double shifting 7-14-80) and scaling rock slope north side of town of Wolf Creek. Also, the contractor began pioneering cut slope station 454 to 463 on 7-16-80. Throughout this area all traffic has been channeled to the northbound lanes. Items and percentages complete are: Tractor-Loader - 53%, Truck - 43% and Scaler - 23%. The project as a whole is 1% complete with 9% of the contract time elapsed. A 7 man engineering crew engaged in layout (75%), inspection and testing.

I 15-5(64) 238 U-2 - Hardy Creek Ramps
I 15-5(50) 239 U-5 - Cascade North & South
Cascade County
Surfacing
Length: 14.3 Miles
Contract Awarded: August 25, 1978
Contract Amount: $3,412,155.85
Work Started: February 7, 1979

Hilde Const. Co. - Contr.
P.O. Box 2287
Great Falls, Mt. 59403
Harry Strong - Mgr. F.P.U.
Cascade - Phone #468-2801
Comp. Time: 150 Working Days
Comp. Date: Jan. 15, 1980
Effective Opening Date: 10-9-79

The project was completed January 15, 1980. Final Estimate and Supporting Data was submitted to Division office on April 18, 1980 and will be forwarded to Helena on or about July 30, 1980.

FI 15-5(66) 277
Gore Hill Drainage
Cascade County
Length: 0 Miles
Contract Awarded: March 10, 1980
Amount of Contract: $143,968.50
Work Started: April 8, 1980

Hilde Const. Co. - Contr.
P.O. Box 2287
Great Falls, Mt. 59403
Walt Smith - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 45 Working Days
Prob. Comp. Date: July 25, 1980

Progress has been good. The contractor, using an average of 12 man crew, has completed the embankment work, pnue. applied mortar, ditch cleaning and E.W.O. #1. They are now engaged in seeding, fencing and misc. work. Items and percentages remaining are: Seeding - 0%, Fencing - 0% and Misc. Work - 75%. All other items are 100% complete. The project as a whole is 94% complete with 84% of the contract time elapsed. A 4 man crew is engaged in layout (100%), inspection, testing and other assignments.

F 3-2(2) 23
Fairfield - East & West (No. Section)
Grade, Gravel & Surf.
Length: 4.6 Miles
Teton County
Contract Awarded: May 28, 1980
Contract Amount: $1,698,378.12
Work Started: June 25, 1980

McIntyre & S. Birch (J.V.)
P.O. Box 1267, Gt. Falls 59403
Tom Hammerbacker - Mgr. F.P.U.
Fairfield - Phone #467-2643
Comp. Time: 120 Working Days
Prob. Comp. Date: July, 1981
Effective Opening Date:

Progress has been good. The contractor using a 21 man crew has been installing culverts station 741 - 763, grading operations station 790 - 820,with nearly all topsoil now stockpiled within this area. The fencing contractor has completed all areas available to him at this time and has pulled off the project until a later date. Items and percentages complete are: Uncl. Exc. - 9%, RCP 24" - 38% and Fencing Items - 60%. The project as a whole is 8% complete with 13% of the contract time elapsed. A 10 man engineering crew engaged in layout (94%), inspection and testing.

F-BRF 3-2(7) 60
Dupuyer - North & South
Structure and Approaches
Pondera County
Length: 0.033 Miles
Contract Awarded: Feb. 29, 1980
Contract Amount: $542,497.50
Work Started: March 21, 1980

McIntyre Const. & S.Birch (J.V.)
P.O. Box 2167, Gt. Falls 59403
Don Harrison - Mgr. F.P.U.
Dupuyer - Phone #472-3270
Harry Strong - Mgr. F.P.U.
Choteau - Phone #466-5671
Comp. Time: 120 Working Days
Prob. Comp. Date: 9-15-80
Effective Opening Date:

STRUCTURE
Progress has been good. The contractor using an average of 15 men has completed tying deck steel and placed "BD" Concrete Spans 1 thru 6. They are presently making ready to place concrete rail and general cleanup throughout. Items and percentages complete are: "AD" Concrete - 93%, "BD" Concrete - 75% and Resteel - 98%. The structure is 73% complete. A 2 man crew engaged in layout (80%), inspection and other assignments.

F-BRF 3-2(7) 60 Cont'd.

ROADWAY
Work has been suspended on the roadway portion until approaches can be placed to structure. The project as a whole is 53% complete with 45% of the contract time elapsed. The engineering crew assigned are engaged in other assignments.

HES 10-1(3) 1 & F 10-1(2) 1
8th Ave. North with 14th & 15th Streets
Great Falls - Cascade County
Signals
Contract Awarded: Feb. 29, 1980
Contract Amount: $84,899.70
Work Started: June 2, 1980

Western Sign Corporation
P.O. Box 2669
Great Falls, Mt. 59403
Walt Smith - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 45 Working Days
Prob. Comp. Date: Sept, 1980

Progress has been fair. The contractor using an average 5 man crew worked 3 days patching conduit trenches throughout the project. The project is now suspended until arrival of above ground materials. The project as a whole is 31% complete with 40% of the contract time elapsed. The engineering crew assigned are engaged in other assignments.

HES 21-1(1) 3
Conrad - South
Safety
Pondera County
Contract Awarded: June 30, 1980
Contract Amount: $35,124.95
Work Started: July 15, 1980

Swan & Sons Const., Inc.
P.O. Box 111, RFD #1
Anaconda, Mt. 59711
Harry Strong - Mgr. F.P.U.
Choteau - Phone #466-5671
Comp. Time: 30 Working Days
Prob. Comp. Date: Oct., 1980

Contractor began placing construction signing July 15, 1980. The project is 0% complete with 0% of the contract time elapsed. The engineering crew assigned engaged in layout (50%) and inspection.

RS-TQS 220-1(3) 6
Farmington - North
8.5 Miles Grade, Gravel & Surface
W/2 Structures
Teton County
Contract Awarded: June 30, 1980
Contract Amount: $3,388,519.68
Work Started:

Hilde Const. Co., Inc.
P.O. Box 2287, Gt. Falls 59403
Harry Strong - Mgr. F.P.U.
Choteau - Phone #466-5671
Comp. Time: 150 Working Days
Prob. Comp. Date: Oct., 1980
Effective Opening Date:

Preconstruction conference held July 18, 1980. A 4 man engineering crew is engaged in layout (75%).

HES 227-1(2) 6
Tracy Intersection
Lighting
Cascade County
Contract Awarded: Feb. 29, 1980
Contract Amount: $14,890.00
Work Started: May 20, 1980

Western Sign Corporation
P.O. Box 2669
Great Falls, Mt. 59403
Walt Smith - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 45 Working Days
Prob. Comp. Date: Aug., 1980

No progress during this reporting period. The project remains 56% complete with 20% of the contract time elapsed. The contractor is awaiting the arrival of overhead materials. Items and percentages complete remain the same. Engineering crew assigned engaged in other assignments. Layout is 100% complete.

M 5201(5) U-1
6th St. S.W. - Gt. Falls (So. Section)
Cascade County
0.4 Miles Grade, Gravel & Surf.
Contract Awarded: June 29, 1979
Amount of Contract: $1,698,505.95
Work Started: July 26, 1979

Hilde Const. Co. - Contr.
P.O.Box 2287, Gt. Falls 59403
Frank Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 150 Working Days
Prob. Comp. Date: Aug., 1980
Effective Opening Date:

Progress has been fair. The contractor using an average of 37 men completed placing cement treated base July 9, 1980 and removed old structure and approaches. The contractor is presently engaged in the placement of concrete pavement and asphalt paving. Items and percentages complete are: Remove Structure - 100%, Uncl. Exc. - 100%, Cement Treated Base - 100%, Concrete Paving - 68% and Concrete Sidewalk - 56%. The project as a whole is 64% complete with 78% of the contract time elapsed. An 11 man engineering crew are engaged in layout (91%), inspection, testing and other assignments.

M 5201(5) U-3
6th St. S.W. - Gt. Falls (Middle Section)
Cascade County
0.3 Miles - Grade, Gravel & Surf.
Contract Awarded: October 2, 1979
Amount of Contract: $899,050.40
Work Started: October 25, 1979

Long Const. Co., Inc.
P.O. Box 1690
Great Falls, Mt. 59403
Frank Robinson - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 120 Working Days
Prob. Comp. Date: Sept.,1980

Progress has been fair. The contractor using an average of 11 men has completed all drainage items during the reporting period and is presently engaged in preparing subgrade for placing of cement treated base. Items and percentages complete are: Culvert Exc. - 100%, RCP 12" Cl. 2 - 100%, Drop Inlets Type 3 - 100% and Remove and Reset Water Valves - 100%. The project as a whole is 64% complete with 51% of the contract time elapsed. An 11 man engineering crew engaged in layout (88%), inspection, testing and other assignments.

M 5206(1)
M 5206(2)
6th & 9th Sts. at N.W. Bypass
Great Falls - Signals
Contract Awarded: June 30, 1980
Contract Amount: $78,474.00
Work Started:

Rainbow Electric Company
2220 River Drive
Great Falls, Mt. 59401
Walt Smith - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 60 Working Days
Prob. Comp. Date: July, 1980

To date preconstruction conference has not been requested.

M 5210(4) U-1
Structure on 1st Ave. No. - Gt. Falls
Cascade County
962 Feet in Length
Contract Awarded: Aug. 25, 1978
Amount of Contract: $5,188,929.19
Work Started: Sept. 21, 1978

Sletten Const. Co. - Contr.
P.O. Box 2467
Great Falls, Mt. 59403
Tony Tomich - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 450 Working Days
Prob. Comp. Date: Oct., 1980
Effective Opening Date:

Progress has been good. The contractor using average 25 man crew has completed tying resteel, forming and placing concrete deck. The removal of forms is now in progress. They expect to begin overlay August 1, 1980. Items and percentages complete are: "AD" Concrete - 92% and Resteel - 98%. All other items remain the same. The project as a whole is 92% complete with 55% of the contract time elapsed. A 3 man engineering crew engaged in layout, inspection and testing.

M 5217(3)
Central Ave. & 26th St. - Gt. Falls
Cascade County
Traffic Signals and Signing
Contract Awarded: May 10, 1979
Contract Amount: $47,075.26

Livesay Traffice Maintenance
1509 High Street - Gt. Falls
Walt Smith - Mgr. F.P.U.
Great Falls - Phone #453-2573
Comp. Time: 30 Working Days
Comp. Date: April 23, 1980

The project was completed and inspection was made April 23, 1980. Final Estimate was submitted to Division office May 7, 1980 and was forwarded to Helena office about July 17, 1980. Final report.

SOS 50(3)
Walker Bridge - Muddy Creek
Teton County
Length: 133'
Agreement Approved: Jan. 4, 1980
Contract Awarded: March 17, 1980
Contract Amount: $146,001.14
Work Started: April 1, 1980 (Bridge)

Zion Construction Company
P.O.Box 2082
Great Falls, Mt. 59403
Don Harrison - Mgr. F.P.U.
Dupuyer - Phone #472-3270
Completion Time: 100 Working Days
Prob. Comp. Date: Aug., 1980

SOS 50(3) Cont'd.

Progress has been good. The contractor using an average 4 man crew has completed setting all beams. He is presently working on expansion joint and forming for the wingwalls at Abutments A & B. Items and percentages complete are: Resteel - 98%, "AD" Concrete - 95%, Prestress Beams - 100% and Slope Protection - 63%. The project as a whole is 82% complete with 46% of the contract time elapsed. one man engineering crew is engaged in layout, inspection and other assignments.

R.W. Freeman - P.E. - Supvr.
Division Construction Section
Great Falls

RWF/MRB/r

STATE OF MONTANA - DEPARTMENT OF HIGHWAYS
HAVRE, MONTANA

July 18, 1980

State of Montana - Department of Highways
Helena, Montana

Gentlemen:

Following please find division 3230 progress report for the period ending July 18, 1980.

G E N E R A L

The weather for the past reporting period has been mostly good. The temperatures ranged from a $+50^{o}$ to a $+90^{o}$.

P R E C O N S T R U C T I O N

FR 1-3 (5) 198, Glacier County Line-East
6.7 miles, Glacier County
Project Design

L. D. Nelson, Engineering Officer I
Havre, Montana
Telephone No. 265-6821

A P.I.H. was made on 6/26/80. No further work has been done on the design which remains 50% complete.

HHS 58-1 (1)
Fencing Survey
Preliminary Engineering

Unassigned
Havre, Montana
Telephone No. 265-6821

Preliminary engineering work not started.

F10-2 (2) 79, Big Sandy - North
9.1 miles, Chouteau County
Project Design

L. D. Nelson, Engineering Officer I
Havre, Montana
Telephone No. 265-6821

No work on this project this reporting period. The cross sections are plotted and inked. Plotting topog. on cross sections is 100% complete and hardshell is 100% complete. Design as a whole is 5% complete.

S 241-1 (01), Turner - Canadian Line
11.0 miles, Blaine County
Project Design

L. D. Nelson, Engineering Officer I
Havre, Montana
Telephone No. 265-6821

The P.I.H. changes have been completed and the plans were returned to the Preconstruction Bureau on 10/22/79.

RS 236-2 (1) 65, Big Sandy - South
12.0 miles, Chouteau County
Preliminary Engineering

Samuel Hatty, Field Project Manager
Havre, Montana
Telephone No. 265-6821

There has been no work on the location survey this reporting period. The engineering crew has been assigned to other projects. The centerline, levels, cross-sections, general and utility topog are all complete. The section ties remain 0% complete. The field work is 80% complete with 291 mandays used to date.

RS-233-1 (2), Havre - North
12.0 miles Secondary Rte. 233
Project Design

L. D. Nelson, Engineering Officer I
Havre, Montana
Telephone No. 265-6821

One to two men worked 13½ mandays plotting template and balancing excavation quantities. Design as a whole is 12% complete.

F 44-1 (01), Valier - East
7.2 miles, Pondera County
Project Design

L. D. Nelson, Engineering Officer I
Havre, Montana
Telephone No. 265-6821

No work on this project this reporting period. Design as a whole remains 13% complete with 59½ mandays used to date.

RS 552-1 (01), Sunburst - East
10.0 miles, Toole County
Project Design

L. D. Nelson, Engineering Officer I
Havre, Montana
Telephone No. 265-9562

Design plans were submitted to Helena on 6/12/80.

RS-409-1 (1) Chester-North
5.2 miles, Liberty County
Construction Layout

Albert Ullrich, Field Project Manager
Havre, Montana
Telephone No. 265-5292

No work on this project this reporting period.

RS-TQS-464-1 (01), Browning-Babb
5.9 miles, Glacier County
Project Design

L. D. Nelson, Engineering Officer I
Havre, Montana
Telephone No. 265-6821

No work on this project this reporting period. Design as a whole remains 0% complete with 14½ mandays used to date.

C O N S T R U C T I O N

I-15-8 (37) 343
Toole Co. Line - North
8.3 mi. Toole Co.
pl. mix bit. surf.
seal & cover
Contract Let: 9/27/79
Contract Amount: $840,874.19
Work Started: 1/17/80

Zook Brothers Construction Company
Great Falls, Montana
Harold D. Kelly, Field Project Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 100 working days
Probable Completion Date: 9/15/80

The contractor did not work this reporting period. All equipment has been removed from the project. The plant mix surf. Gr. B aggr., ½" cover mat'l., ½" C.T.S. type A Gr. 4 maintenance stockpile are 100% complete and stockpiled. The contract remains 14% complete with 50% of the contract time elapsed. The contractor plans to move the plant to the project on July 18, 1980 and start producing mix on July 28, 1980. Centerline on the N. and S. bound lanes have been established and the construction layout as a whole remains 95% complete.

I-FI- 15-8 (26) 354 & I-15-8 (35) 353
Shelby-Oilmont Jct.
14.5 miles, Toole County
Grade, aggr. surf., pl. mix
bit. surf., and structures
Contract Let: 1/25/79
Contract Amount: $8,165,151.42
Work Started: 3/11/79

Zook Brothers Construction Co.
Great Falls, Montana
Roadway:
James A. Dolan, Field Project Mgr.
Structures:
Glen E. Brown, Field Project Mgr.
Shelby, Montana
Telephone No. 434-2022
Contract Time: 240 working days
Probable Completion Date: 9/1/80

ROADWAY

Progress for the past reporting period has been fair. Employed up to 40 men on one 8 hr. shift per day. Produced and placed 7880 tons of 3/4" plant mix to complete this item on July 16th. All surfacing is complete with the exception of the seal and cover which will be started on July 28th. Subcontractor, Western Sign, returned to the project July 7th. Employed 12 men on one 9 hr. shift per day installing signs and guard rail. The project as a whole is 89% complete with 74% of the contract time elapsed.

STRUCTURES

Minor work on expansion joints has been done. All work is complete except for some bridge rail and a little finishing on concrete. The subcontract is 98% complete. A two man engineering crew is engaged in construction inspection and checking final quantities as time on other projects permits.

I-IG 15-8 (25)
Sunburst - Canadian Line
Sweetgrass - South, Sunburst - South
Gr. aggr. surf., pl. mix
bit. base, pl. mix bit. surf.,
structures, safety correction
& pl. mix overlay
19.1 miles - Toole County
Contract Let: 5/27/76
Contract Amount: $4,388,263.38
Work Started: 7/22/76

Hilde Construction Co., Inc. &
Maronick Construction Co., Inc. (J.V.)
East Helena, Montana
Harold D. Kelly, Field Project Manager
Sunburst, Montana
Telephone No. 937-7111
Structures:
Glen Brown, Field Project Manager
Shelby, Montana
Telephone No. 434-2491
Contract Time: 215 working days
Completion Date: 10/27/77

The final estimate will be submitted after further review of grading computations has been accomplished.

F-1-3 (6) 222
U.S. 2 & 2nd St. Int. - Browning
Glacier County
Install Traffic Signals
Contract Let: 6/19/80
Contract Amount: $37,784.65
Work not started.

Livesay Traffic Maintenance, Inc.
Great Falls, Montana
Hugh Klepzig, Field Project Mgr.
Browning, Montana
Telephone No. 338-2610
Contract Time: 45 working days
Probable Completion Date: 10/11/80

A preconstruction conference was held in the Division office in Havre on July 11. The contractor moved onto the project on July 16 to install the underground facilities. A two man engineering crew is engaged in construction layout and inspection. Contract time has not started.

F-HES-1-3 (4) 209
U.S. 2 at East Glacier-Midvale Creek
0.1 miles, Glacier County
Guard Rail Modification
Contract Let: 5/22/80
Contract Amount: $59,677.60
Work started: 6/10/80

Swan & Sons Construction, Inc.
Anaconda, MT 59711
Hugh Klepzig, Field Project Mgr.
Browning, Montana
Telephone No. 338-2610
Contract Time: 30 working days
Completion Date: 7/11/80

Progress was good this reporting period. The contractor installed 136' of guard rail, 216' of treated wood curb and bridge approach sections, making the project as a whole 100% complete with 57% of the contract time elapsed. The project was complete on July 10. A two man engineering crew was engaged in construction supervision.

RS-TQS 464-1 (2) 19 U-2
Browning - Babb (Duck Lake Road)
5.3 miles - Glacier County
Contract Let: 8/24/78
Contract Amount: $1,395,242.01
Work Started: 5/14/79

Rehbein Contracting, Inc.
Plains, Montana 59859
Hugh Klepzig, Field Project Mgr.
Browning, Montana
Telephone No. 338-2610
Contract Time: 120 working days
Probable Completion Date: 8/1/80

The contractor has two men making minor repairs, sweeping roadway, and setting scales. They will start sealing operations on Monday July 21st. A two to four person engineering crew is engaged in construction inspecting and layout. The project is 95% complete with 91% of the contract time elapsed.

TQS 236-1 (3) 49 U.1 & U.2
Winifred-Big Sandy
0.5 miles, Fergus-Chouteau Counties
Grade, gravel and structure
Contract not let.

Samuel Hatty, Field Project Mgr.
Havre, Montana
Telephone No. 265-6821
Contract Time: 250 working days

A six man engineering crew has been working on the roadway construction layout. Establishing centerline, right of way line, B.M.'s, referencing control points and running levels. Triangle Telephone Cooperative has completed the cable revisions and Hill County Electric Cooperative has completed the overhead line revisions. The underground cable at Sta. 66+00 will be completed in the near future. The construction layout as a whole is 2% complete.

M5709 (3), Havre - 13th Street
0.4 miles, Hill County
Gr., aggr. surf., pl. mix bit. base
pl. mix bit. surf., curb & gutter
storm drain and lighting
Contract Let: 5/3/79
Comtract Amount: $733,255.51
Work Started: 5/21/79

Baltrusch Construction, Inc. &
Affiliates - Havre, Montana
Samuel Hatty, Field Project Mgr.
Havre, Montana
Telephone No. 265-6821
Contract Time: 90 working days
Completion Date: 7/15/80

A subcontractor, Livesay Traffic Maintenance, arrived on the project 7/8/80 and completed the striping on 7/15/80. The Division Supervisor inspected the project on 7/15/80. The project is 100% complete.

RS-233-1 (3) 0, Havre - North
9.7 miles, Hill County
Aggr. surf., pl. mix bit. base surf.,
seal and cover
Contract Let: 11/29/79
Contract Amount: $1,187,003.20
Work Started: 4/24/80

Hilde Construction Co., Inc.
Great Falls, Montana 59401
Samuel Hatty, Field Project Mgr.
Havre, Montana
Telephone No. 265-6821
Contract Time: 100 working days
Probable Completion date: 10/3/80

There has been no work on the project this reporting period. The entire roadway and approached are primed with MC-70. Crushing and stockpiling the plant mix bit. base aggr. and crushed cover material is complete. The contractor anticipates the plant mix paving operations to begin on 7/28/80. The project as a whole is 40% complete with 60% of the contract time elapsed.

SMP 5199-80
Crushing & Stockpiling
Glacier, Liberty, Pondera
& Toole County
Contract Let: 4/5/80
Contract Amount: $208,190.00
Work Started: 5/27/80

Felton Jenson (Joint Venture)
Missoula, Montana 59807
Al Ullrich, Field Project Mgr.
Havre, Montana 59501
Telephone No. 265-5292
Contract Time: 70 working days
Probable Completion Date: 8/29/80

Progress has been poor. The contractor has been working on other projects. 14,500 ton top surf. ½" in. Gr. 4A has been produced in pit no. 5120-26 Toole County completing the crushing at this site. Began moving to pit no. 3610-13, Liberty County 7/14/80 and due to breakdown will not begin production until 7/22/80. The contract as a whole is 20% complete with 50% of contract time elapsed. One to three men are engaged in testing and inspection.

Respectfully submitted,

Haven D. Flickinger

Haven D. Flickinger, P.E., Supervisor
Division Construction Section - Havre

HDF/JL/mh

DIVISION OFFICE
GLENDIVE, MONTANA
JULY 17, 1980

DEPARTMENT OF HIGHWAYS
Helena, Montana

PROGRESS REPORT
Division 4130

Herewith is the Construction News Letter for the period ending July 15, 1980.

GENERAL

Progress throughout the Division has been fair. Weather was fair with temperatures ranging from plus 55 degrees to plus 105 degrees.

PRECONSTRUCTION

FR 20-1(1)19, GLENDIVE - SIDNEY
Length - 10.0 Miles
Survey Authorized - July 8, 1980
Survey Started -
Survey Completed -

G.L. Kuester, Designer III
Glendive, Montana - Phone 365-5296
Design Started - July 3, 1980
Est. Design Comp. Date - Sept. 5, 1980

During the past period 3½ mandays were used making field review, drawing typical section, making summary sheets and computing quantities. Design is 20% complete with 3½ mandays used to date.

F 20-2(1)33, SAVAGE - CRANE
Length - 8.0± Miles
Survey Started - December 11, 1972

G.L. Kuester, Designer III
Design Started - August 4, 1975
Est. Comp. Date - Oct. 31, 1980

No work on this project during the past period awaiting approval of possible line change to reduce noise level to meet allowable standards. Design is 50% complete with 262½ mandays used to date.

RF 20-2(2), SIDNEY - FAIRVIEW
Length - 11.6± Miles
Survey Authorized - October 6, 1975
Survey Started - October 22, 1975
Date Survey Resumed - March 9, 1978

Robert A. Passow, Field Project Manager
Glendive, Montana - Phone 365-5296
Est. Comp. Date - Aug. 29, 1980

One manday worked plotting profile this past period. Centerline run, cross sections, topography and section ties are 100% complete. Field notes checked are 51% complete, plan plotted is 99% complete, profile plotted remains at 81% complete, drainage recommendations are 95% complete and bridge situations remain at 74% complete. A total of 2057 mandays have been worked on the project making it 95% complete.

F 25-1(1), CIRCLE - NORTH
Length - 8.4 Miles
Survey Authorized - March 16, 1977
Survey Started - January 6, 1978
Design Started - January 29, 1979

John M. Berres, Eng. Off. I
Glendive, Montana - Phone 365-5296
Est. Comp. Date - Sept. 1, 1982

No field work on this project this past period. Centerline run, B.M.'s, cross section, horizontal and vertical photogrammetry control and drainage recommendation are 100% complete. Field notes checked and section ties are 92% complete. A total of 572.5 mandays have been worked making the project 95% complete. Design remains 11% complete with 69½ mandays used.

S 201-2(1)39, PRESSERVILLE - FAIRVIEW
Length - 6.0 Miles
Survey Authorized - December 23, 1969
Survey Started - February 8, 1971
Survey Completed - April 6, 1971

G.L. Kuester, Designer III
Glendive, Montana - Phone 365-5296
Design Started - July 1, 1971
Est. Design Comp. Date - Dec. 31, 1982

Design of this project remains 11% complete with 39 mandays used to date. A meeting with the County Commissioners is pending to determine what design to complete.

S 252-1(01), CIRCLE - NORTHWEST
Length - 11.145 Miles
Survey Authorized - March 20, 1974
Survey Started - September 17, 1975
Survey Resumed - January 24, 1978

G.L. Kuester, Designer III
Glendive, Montana - Phone 365-5296
Design Started - March 13, 1979
Est. Design Comp. Date - Oct. 31, 1980

No work during the past period. Plans have been submitted to Helena for P.I.H. Prints. Design is 50% complete with 156 mandays used to date.

RS 253-2(1)36, BROCKWAY - SOUTH
Length - 9.9 Miles
Survey Authorized - March 20, 1975

Unassigned

Work will begin when personnel are available. A public hearing was held on August 10, 1976.

S 323-1(1)47, ALZADA - EKALAKA
Length - 18.4 Miles Ground Control
Survey Authorized - March 4, 1970

Victor Scheuffele, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-5296
Est. Design Comp. Date - June 30, 1981

No work on this project during the past period. Horizontal control and elevations are 100% complete. Mapping has been completed by the Photogrammetric Unit. Plotting of centerline on the contour map remains 90% complete. A total of 380½ mandays to date have been used on field work.

CONSTRUCTION

I-94-5(21)181, FALLON - DAWSON CO. LINE
Length - 6.7 Miles
Pl. Mix Bitum. Surf. Seal & Cover
Contract Awarded - October 2, 1979
Amount of Contract - $1,050,861.36
Work Started - March 21, 1980

Zook Brothers Construction Co.
Great Falls, Montana
H.D. Kelly, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-2877
Contract Time - 100 Working Days
Est. Comp. Date - Oct. 24, 1980
Effective Opening Date - N/A

Zook Brothers Construction Co. employed 30 men working 8 variable length shifts producing 18,414 Tons of 3/4" Plant Mix Surfacing-Grade B, for a total of 40,986 Tons or 89% of the item complete. 802 Tons of 120/150 Asphalt Cement was used making a total of 1,863 Tons or 62% of the item used. 53% of Traffic Control Devices and 46% of Traffic Control Flagging have been used. Construction layout with 5 men assigned remains 80% complete. The project as a whole is 58% complete with 56 working days or 56% of allowed contract time elapsed.

I-94-6(23)202, GLENDIVE - WEST
I-94-6(28)209, GLENDIVE - EAST AND WEST
Length - 14.1 Miles
Grade, Drain, Agg. Surf., Plant Mix Surf.,
Signing, Guardrail, and Structures
Contract Awarded - July 10, 1975
Amount of Contract - $4,665,317.65
Work Started - August 4, 1975

Joe Mayo & Sons, Inc.
Box 310, Cavalier, North Dakota 58220
Ken Quale, Fld. Proj. Mgr. - Structure
Glendive, Montana - Phone 365-2877
Contract Time - 240 Working Days
Comp. Date - October 31, 1977
Effective Opening Date - October 1976

Contract was completed on October 31, 1977 using 233 working days or 95% of the contract time. Final estimate is 100% complete with checking in the Division Office being 100% complete. Submittal to Helena is dependant on contractors review of earthwork quantities.

I 94-6(26)216, WIBAUX CO. LINE-WEST(WEST SECTION)
I 94-6(29)226, U-2, WIBAUX CO. LINE-WEST(EAST SECT.)
I 94-6(30)221, U-2, WIBAUX CO. LINE-WEST(MIDDLE SECT.)
Length - 16.9 Miles
Grade, Drain, Agg. Surf., Plant Mix Surf.,
Signing, Guardrail, and Structures
Contract Awarded - August 24, 1979
Amount of Contract - $11,396,442.47
Work Started - October 9, 1979

Duininck Brothers & Gilchrist
Box 208, Prinsburg, Minnesota 56281
Bernard F. Kelly, Fld. Proj. Mgr.-Rdwy.
Ken Quale, Fld. Proj. Mgr. - Struct.
Glendive, Montana - Phone 365-5296
Contract Time - 250 Working Days
Probable Comp. Date - June 30, 1981
Effective Opening Date -

Progress this past period has been good. Prime Contractor Duininck Brothers & Gilchrist employed 47 men working one 8-hour shift, five 11-hour shifts, three 12-hour shifts crushing and placing 65,504 Tons of 1½" CBC this period for a total of 272,616 Tons making this item 58% complete; also worked one 6-hour shift, eight 9-hour shifts, seven 11-hour shifts producing 59,134 Tons of 1½" Plant Mix Base making this item 23% complete. Sub-Contractor Candee Construction Co. employed 16 men working seven 9-hour shifts moving and placing 17,646 Cu. Yds. of topsoil making this item approximately 91% complete, also doing finish work, placing riprap, installing gabion baskets throughout project. The grading portion of the contract is approximately 92% complete. Sub-Contractor Swan & Son employed 3 men working four 9-hour shifts. Hydro seeded and mulched 17 acres of Area No. 2 slopes throughout project for temporary erosion control. Sub-Contractor Cop Construction Co. worked nine 8-hour shifts employing from 3 to 9 men. Work consisted of forming for and placing Class 'BD' Concrete for left barrier on (E.B.) structure at Sta. 627+62.00 making this item of work 67% complete. Finishing superstructure concrete and cleaning up area around (E.B.) structure at Sta. 627+62.00. The structure portion of this sub-contract is 65% complete. Sub-Contractor One Way Sign & Construction from Billings employed 6 men working two 10-hour shifts, three 12-hour shifts, one 13-hour shift installing signs, barricades, guardrail for temporary E.B. connection to P.T.W. and main line detour for structure. The project is 34% complete with 106 working days or 42% of the contract time elapsed. Construction layout is 80% complete with a 23 man engineering crew assigned.

IR 94-7(15)233, WIBAUX EAST & WEST(EAST SECTION)
Length - 6.5 Miles
Plant Mix Bitum. Surf., Seal & Cover
Contract Awarded - May 10, 1979
Amount of Contract - $872,076.50
Work Started - July 20, 1979

Meyer Construction Company
P.O. Box 1417, Billings, MT 59103
Victor Scheuffele, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-5296
Contract Time - 100 Working Days
Probable Comp. Date - Oct. 24, 1980
Effective Opening Date - N/A

There was no work on the project this past period. All major items except those involving seal and cover operation and seeding are complete. Construction Layout is 95% complete with no one assigned. The project as a whole is 80% complete with 89 working days or 89% of the contract time elapsed.

PROGRESS REPORT

CONSTRUCTION

F 57-7(5)328, MERRILL AVENUE - GLENDIVE
Length - 0.7 Miles
Grading, Aggr. Surf., Pl. Mix Surf., Seal Cover, Curb & Gutter, Signing & Lighting
Contract Awarded - February 20, 1979
Amount of Contract - $1,272,404.81
Work Started - May 10, 1979

Gus M. Albert, Contractor
Box 370, Miles City, MT 59301
H.D. Kelly, Fld. Proj. Mgr.
Glendive, Montana - Phone 365-2877
Contract Time - 110 Working Days
Prob. Comp. Date - Aug. 21, 1980
Effective Opening Date - Oct. 12, 1979

No work during the past period. Work remaining is striping shoulder line and painting No Parking areas at curbs. Also a change order for replacing some sidewalk that heaved and cracked from winter freeze is pending. Project as a whole is 99% complete with 129 days or 95% of contract time elapsed.

Respectfully,

Bruce Russell

Bruce Russell, P.E., Supervisor
Division Construction Section

BR:JMB:nu

DEPARTMENT OF HIGHWAYS
Wolf Point, Montana
July 18, 1980

PROGRESS REPORT

Department of Highways
Helena, Montana

Division 4230

Gentlemen:

The following Construction Progress Report is for the period ending July 18, 1980.

GENERAL

Weather the past period has varied from cool to hot temperatures with some scattered showers. Progress on road and bridge construction has been fair. The temperatures ranged from a low of 62 degrees to a high of 106 degrees.

PRECONSTRUCTION

F 22-2(01), Plentywood-South
Formerly F 193 (22)
Approximately 10 Miles in Length
Authorized - 05-27-70
Location Survey Started - 12-09-74
Location Survey Completed - 05-02-79

Robert M. Hanson, Eng. Off. I
Wolf Point, Montana
653-1050
Design Started - 09-01-78
Est. Compl. Date (PIH) - 08-15-80

4 man days were used this past period on design work for a total of 314.5 man days. Design on line change is 45% complete.

F 32-1(01), Macon-North
Formerly RF 266(11)
Approximately 10 Miles in Length
Location Survey Started - 12-22-76
Authorized - 11-04-76
Compl. Date - 06-14-79 (Location)

Robert M. Hanson, Eng. Off. I
Wolf Point, Montana
Design Started - 12-28-78
Est. Compl. Date (PIH)- 10-15-80

Location survey field work is 100% complete. No man days were used on design this period. A total of 43 man days used to date. Design remains 7% complete. Profile map submitted to Helena for proposed typical section.

F 32-2(02), Scobey-South
Formerly RF 266(14)
Approximately 11.4 Miles in Length
Authorized - 01-22-75
Location Survey Resumes - 01-11-79
Location Survey Suspended - 03-30-79

Robert M. Hanson, Eng. Off. I
Wolf Point, Montana
Est. Compl. Date - 10-31-79
Design Started - 06-01-79
Est. Compl. Date (PIH) - 12-15-80

No man days used on design this period. Design is 0% complete. Profile map submitted to Helena for proposed typical section.

F 62-1(3), Missouri River Bridge
South of Culbertson
Location Survey Started - 02-20-79

James E. Baldwin, Fld Proj Mgr
Culbertson, Montana
Est. Compl. Date -

Bridge site situation sheet submitted to Helena on 05-23-79. A total of 15 man days have been used to date on location survey.

RS 258-1(1)0, Reserve-East
Approximately 11.0 Miles in Length
Authorized - 08-24-79
Suspended - 03-28-80

James E. Baldwin, Fld Proj Mgr
Culbertson, Montana
Est. Compl. Date - 06-01-81

No man days used this period. Crew assigned to construction projects. Percentages complete are: Centerline 100%; Bench Levels 25%. The project as-a-whole is 15% complete with 173 man days used to date. Estimated date of completion is June 1, 1981. Survey suspended March 28, 1980 because of construction activities and no further reports will be submitted until work resumes.

RS 344-1(2)15, Froid-West
Approximately 7.5 Miles in Length
Authorized - 05-01-78

Robert M. Hanson, Eng. Off. I
Wolf Point, Montana
653-1050

Seven and a half (7½) man days were used this period for a total of 26 man days. The cross-sections are 90% complete. Design is now 8% complete.

BR 9036(9), Beaver Creek Bridge
Approximately 0.2 Miles in Length
Authorized - 02-20-80

Douglas Durocher, Fld Proj Mgr
Wolf Point, Montana
653-1050

Location survey is 100% complete. All field notes and supporting data was submitted to the division office on March 24, 1980; all data submitted to Helena.

CONSTRUCTION

F TQF 1-9(3)537, F 1-9(5)542, HHS 1-9(6)541 & F 42-3(3)75, Glasgow-Northwest
6.3 Miles in Length
Grading, Aggregate Surfacing, Plant Mix
Base & Surfacing, Storm Sewers, Signing
Two 114.0 Concrete Slab Bridges, Seal & Cover
Contract Let - 08-24-78
Contract Awarded - 08-25-78
Proceed Order Date - 09-15-78
Work Started - 09-26-78
Amount of Contract - $3,256,676.00

Earth Builders, Inc.
Bismarck, North Dakota
James E. Baldwin, Fld Proj Mgr
Glasgow, Montana
228-2717
Working Days - 180
Prob. Compl. Date - 08-80
Effective Opening Date

Only minor work on the project this past week because of cure period on plant mix surfacing before seal coat. 2 to 4 men on cleanup crew worked 9-8 hour shifts on minor pipe installations, cleanup, and riprap. 3 to 6 man crew worked 8 various length shifts forming and placing concrete sidewalk. All major items on the project are now 100% complete with the exception of seal and cover application. The project as-a-whole is 90% complete with 166 days or 90% of the contract time elapsed. The construction layout is 99% complete with an 11 man engineering and inspection crew engaged on the project.

TQF 32-1(2), Macon North & South
6.2 Miles in Length
Grading, Aggregate Surfacing, Plant Mix Bituminous Base, Plant Mix Bituminous Surfacing, Fencing & Signing
Contract Let - 06-22-78
Contract Awarded - 06-23-78
Proceed Order Date - 07-14-78

Hilde Construction Co.
Great Falls, Montana
Duane J. Novakovich, Fld Proj Mgr
Wolf Point, Montana
653-1050
Working Days - 150
Act. Compl. Date - 10-18-79
Effective Opening Date - 10-05-79

Project is 100% complete. One man working on final data.

RS BRS 246-1(3)0, Tampico-Southeast
7.4 Miles in Length
Grading, Aggregate Surfacing
Plant Mix Base Surf., Seal & Cover, Girder Bridge
Contract Let - 04-03-80
Contract Awarded - 04-05-80
Proceed Order Date - 04-28-80
Work Started -
Bid Price - $1,716,922.59

Hilde Construction
Great Falls, Montana
Douglas Durocher, Fld Proj Mgr-Road
Larry Greufe, Fld Proj Mgr-Bridge
Glasgow, Montana
228-2717
Working Days - 110
Est. Compl. Date -

Progress this past period has been good. Contractor began moving the gravel crushing equipment on project July 7. 14 men on gravel crew began working two-nine hour shifts per day on July 10; crushed four days and produced and stock-piled 19,467 tons of 1" plant mix base, 13,794 tons of 1" top surfacing and 1,605 tons of ½" cover material making these three items 100% complete as material in storage. 11 men on grading crew moved on the project July 14 and worked two-nine hour shifts on topsoil salvaging and excavation-unclass in the first mile of the project. The project as-a-whole is 4% complete with 45 days or 40% of the contract time elapsed. The construction layout is 92% complete with a seven man engineering and inspection crew engaged on the project.

RS 344-1(1)0 & RS 405-1(1)18, Brockton-Froid & Froid East
30.9 Miles in Length
Seal & Cover
Contract Let - 05-31-79
Contract Awarded - 06-08-79
Proceed Order Date - 06-29-79
Work Started - 06-26-79
Bid Price - $344,675.00

Gus Albert
Miles City, Montana
Douglas Durocher, Fld Proj Mgr
Wolf Point, Montana
653-1050
Working Days - 45
Est. Compl. Date - 06-30-80
Effective Opening Date -

Project was completed on June 17, 1980 making all items 100% complete. All field notes and supporting data was submitted to the Division Office for final checking on June 20, 1980. One Div. Office personnel checking final estimate and supporting data.

SMP 3699-80, Maintenance Stockpiles
Contract Let - 01-31-80
Contract Awarded - 02-04-80
Proceed Order Date - 02-25-80
Work Started - 06-11-80
Bid Price - $189,590.00

Wickens Brothers
222 S.W. Ash
Lewistown, Montana 59457
Duane J. Novakovich, Fld Proj Mgr
Wolf Point, Montana
653-1050
Act. Compl. Date - 07-10-80

SMP 3699-80, Maintenance Stockpiles (Cont.)

Project was completed on July 10, 1980. Thirteen men worked five-nine hour shifts crushing and stockpiling 11,800 ton of ½" Type "A" Grade 4 C.T.S. for a total to date of 50,000 ton or 100% complete. Project is 100% complete with 50% of the contract time elapsed. One engineering personnel is engaged on the project.

SMP 4699-79, Maintenance Stockpiles
Contract Let - 03-29-79
Contract Awarded - 04-04-79
Proceed Order Date - 04-25-79
Work Started - 06-18-79
Bid Price - $167,712.00

Meyer Construction Co.
Billings, Montana
Leroy E. Anderson, Matl. Supr.
Wolf Point, Montana
653-1050
Working Days - 65
Prob. Compl. Date - 10-15-80

All items are now 100% complete except for temporary fencing and seeding. Contract is 99% complete with 95% of the contract time elapsed.

RRO 4686(3)
Grade Crossing Signals (Off System)
Plentywood-Main Street
Agreement Dated - 08-02-79
Work Started - 05-12-80
Agreement Price - $79,260.00

Burlington Northern, Inc.
2224 Montana Ave.
Billings, Montana
Duane J. Novakovich, Fld Proj Mgr
Wolf Point, Montana
653-1050
Act. Compl. Date - 06-19-80
Effective Opening Date - 06-11-80

Crossing signals at Plentywood, Mt. were placed in service June 11 and physically completed June 19, 1980. Project is 100% complete and final bill has not yet been received.

Robert M. Hanson
for Vernon D. Borden, P.E., Supr.
Division Construction Section

VDB:RH:cj

cc: Field Project Managers
Don Williams
Leroy E. Anderson
File

STATE OF MONTANA

DEPARTMENT OF HIGHWAYS

Billings, Montana
July 21, 1980

Following is the Preconstruction and Construction Progress Report in Division 5130 for the period ending July 18, 1980.

GENERAL

Temperatures ranging from +60 to +100 degrees prevailed with .21 inches of precipitation received during the reporting period. The majority of the construction projects reported fair to good progress during the past reporting period.

PRECONSTRUCTION

F 4-1(2)26 Bridger - Fromberg
Length: 7.448 Miles
Design Received: 5-26-78
Design Started: 7-1-78

James M. Young, Designer III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 10-30-81

Two men worked on this project during the past reporting period, designing irrigation and drainage culverts and checking field survey notes on the railroad culverts for proper drainage lines with roadway culverts. Design work is 40% complete.

F 23-1(2)2 Miles City South - No. Sec.
5.646 Miles Design Work
Design Started: 11-20-78

James M. Young, Designer III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 10-30-81

No work was accomplished on this project during the past reporting period. Design work is 30% complete.

M 1020(1) 1st Ave. No.-Billings
Division Street to 22nd Street
1.0 Miles Design Work
Design Started: 6-5-79

James M. Young, Designer III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 6-27-81

Two men worked on this project during the past reporting period, attending the pre-plan in hand inspection and plotting and checking curb and gutter profiles to check drainage. Design work is 12% complete.

RS 306-1(1) 0 Columbus - North
3.887 Miles Design Work
Design Received: 3-30-77
Design Started: 9-15-77

James M. Young, Designer III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 4-1-82

No work was accomplished on this project during the past reporting period. Design work is 25% complete.

RS 308-1(4)9 Belfry West
5.244 Miles Design Work
Design Started: 5-21-79

James M. Young, Designer III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 4-8-83

PRECONSTRUCTION

RS 308-1(4)9 Belfry West (Continued)

No work was accomplished on this project during the past reporting period. Design work remains 12% complete.

DP 384-2(1) Sarpy Creek Rd., No. Sec.
11.218 Miles Design Work
Design Work Not Started

James M. Young, Designer III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 09-30-82

No work was accomplished on this project during the past reporting period. Design work is 1% complete.

DP 37-1(1)8 Crow Agency-Busby (Center Sec)
8.812 Miles Design Work
Design Started: 2-22-78

James M. Young, Designer III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 12-12-80

Two men worked on this project during the past reporting period, plotting new topography on the mylar plan and profile sheets, designing and checking a new typical section for earthwork computations by data processing. Design work is 18% complete.

DP 37-1(1)18 Crow Agency-Busby (East Sec)
9.446 Miles Design Work
Design Started: 5-16-80

James M. Young, Designer III
Billings, Montana
Phone No. 252-4138
Probable Completion Date: 4-3-81

No work has been accomplished on this project during the past reporting period. Design work remains at 5% complete.

DP 314-1(1)18 Decker - Busby
Length: Approximately 15 Miles
Survey Authorized: 4-30-79
Survey Began 10-1-79

Gerald M. Loran, Fld. Prj. Mgr.
Hardin, Montana
Phone No. 665-3666

No work was done on the subject project during the past reporting period. All work is complete on the ground control work for the photogrammetric unit except completing the section corner ties. Work on the section ties will resume when personnel are available.

CONSTRUCTION

IR 90-3(50)184 U-1 & IR 94-1(45)16 U-2
Replacement of Sliding Plate Expansion Joints Big Horn, Gallatin, Park, Stillwater, Treasure and Yellowstone Counties
Contract Awarded: 5-30-80
Amount of Contract: $731,324.00
Proceed Order Date: 6-25-80
Work Not Started:

Skinner Enterprises
Helena, Montana
Kenneth Hartman, Fld. Prj. Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 150 Working Days
Probable Completion Date:
Effective Opening Date: N/A

The contract was let on May 22, 1980 and awarded to Skinner Enterprises on May 30, 1980. The Order to Proceed was issued effective June 25, 1980, and a suspend work order issued effective the same day pending arrival of materials.

I 90-9(33)516 Lodge Grass No-No Sec.
9.146 Miles Grade, Drain, PMBB, PMBS and Structures
Big Horn County
Contract Awarded: 3-1-79
Amount of Contract: $9,162,711.88
Proceed Order Date: 3-1-79
Work Started: 4-16-79

Hilde Construction Company, Inc.
Great Falls, Montana
Raymond Schaak, Fld. Prj. Mgr., Roadways
Lodge Grass, Montana
Phone No. 639-2964
Don Taylor, Fld. Prj. Mgr., Structures
Hardin, Montana
Contract Time: 300 Working Days
Probable Completion Date: 9-30-80
Effective Opening Date:

Good progress this reporting period. The contractor worked nine nine hour shifts employing 38 men on cleanup and paving. All plant mix base with the exception of the material for the westbound bridge ends at sta. 605+00 has been placed. The contractor placed Gr. "B" plant mix surfacing between sta. 286+00 to 719+24. The grading crew is working on general cleanup throughout the project. A labor crew is placing concrete drainage chutes between sta. 432+00 to 560+00. The bridge subcontractor, Flynn Company, Inc., worked nine nine to ten hour shifts and employed an average of ten people. Concrete was placed for the deck slab and all barriers except on abutment number 1 on the eastbound structure and for the bents numbers 2 and 3 caps on the westbound structure at sta. 605+00. Forms are 100% complete for the westbound deck slab at sta. 605+00. Class AD concrete is 100% complete, Class BD concrete is 86% complete, and reinforcing steel is 94% complete. Grading items are 99% complete, drainage items are 99% complete, surfacing items are 94% complete, fencing items are 77% complete, guard rail and signing are 9% complete, miscellaneous items are 60% complete, structure items are 99% complete. A 15 person engineering crew worked nine ten hour shifts blue topping subgrade, computing bridge quantities, running line for paving, and on construction inspection. The project is 92% complete, with 66% of the contract time elapsed. Roadway construction layout is 98% complete, structure layout is 99% complete.

I 90-9(54)525 & F 73-1(2)0
Lodge Grass No-So Section & Lodge Grass I Conn.
6.6 Miles Grading, Drain, PMBB PMBS and Structures
Big Horn County
Contract Awarded: 4-4-79
Amount of Contract: $9,400,893.08
Proceed Order Date: 5-2-79
Work Started: 5-14-79

Peter Kiewit Sons' Company
Billings, Montana
Roddo Bakich, Fld. Prj. Mgr., Roadways
Lodge Grass, Montana
Phone No. 639-2968
James Rangitsch, Fld. Prj. Mgr., Structures
Lodge Grass, Montana
Contract Time: 300 Working Days
Probable Completion Date: 9-1-80
Effective Opening Date:

Progress during this reporting period has been good. The contractor worked eight nine hour shifts employing an average of 39 persons. Work in progress was completing the excavation and topsoil items, installing the 24" RCP at sta. 956+15 on US #87 and placing riprap at various sites on the project. The plant mix base item is completed with the exception of approaches, floor for SSPPC stockpass and radii at ramp locations. Flynn Company, bridge subcontractor, worked nine nine hour shifts employing an average of 11 persons. They placed reinforcing steel and concrete for the backwalls, diaphragms and deck slab of the eastbound structure, backfilling at abutment number 2 eastbound of the Lodge Grass Interchange and placed reinforcing steel and concrete for the barriers over the wingwalls at the Bridge Over Little Bighorn River. The structure item is 80% complete. Two men were assigned to structure layout, inspection and quantity computations. Percentage complete of various items are: grading items 98%, drainage items 99%, surfacing items 66%, miscellaneous items 59% and concrete items 53%. The project is 79% complete with 56% of the contract time elapsed. Sixteen persons were assigned to the project for engineering and construction inspection. The engineering layout is 71% complete.

F 4-1(1)0 Wyoming Line - North
19.6 Miles Fencing
Carbon County
Contract Awarded: 4-5-80
Amount of Contract: $183,986.50
Proceed Order Date: 4-28-80
Work Started: 4-22-80

Swan and Sons Construction, Inc.
Anaconda, Montana
Gerald M. Loran, Fld. Prj. Mgr.
Hardin, Montana
Phone No. 665-3666
Contract Time: 65 Working Days
Completion Date: 6-23-80
Effective Opening Date: N/A

The project is 100% complete with 52% of the contract time used. A total of 34 working days being used. One engineering person worked nine eight hour shifts on final estimate data. The final estimate should be in the Division Office August 15, 1980.

DP 314-1(3)0 Wyoming Line-Northwest
3.7 Miles
Plant Mix Surf. Overlay & Striping
Big Horn County
Contract Awarded: 7-6-79
Amount of Contract: $627,600.37
Proceed Order Date: 7-27-79
Work Started: 8-20-79

James Kraus, Contractor
Great Falls, Montana
Gerald M. Loran, Fld. Prj. Mgr.
Hardin, Montana
Phone No. 665-3666
Contract Time: 60 Working Days
Probable Completion Date: 7-25-80
Effective Opening Date: N/A

The contractor did no work on the project during the past reporting period. All items on the project are complete with the exception of the Chip & Seal portion. The contractor moved on to the project on July 12, 1980 with the Chip & Seal operations to begin July 14, 1980. Contract time elapsed is 59 working days or 94% to date with a total of four working days remaining. The project as a whole is approximately 85% complete.

DP 37-1(4)12 Temporary Detour on
Crow Agency-Busby (Center Section)
0.0 Miles
Grade, Drain, Agg. Surf., PMS
Big Horn County
Contract Awarded: 4-5-80
Amount of Contract: $188,182.10
Proceed Order Date: 4-28-80

Hilde Construction Company, Inc.
Great Falls, Montana
Gerald M. Loran, Fld. Prj. Mgr.
Hardin, Montana
Phone No. 665-3666
Contract Time: 60 Working Days
Probable Completion Date: 8-30-80
Effective Opening Date: 7-11-80

Progress during this reporting period has been good. The contractor worked nine nine hour shifts with seven men employed. The work consisted of removing the existing timber structure at Sta. 667+83, rebuilding and resurfacing the PTW grade. The traffic was routed back on the PTW on July 11, 1980. All items with the exceptions of fencing, seeding and fertilizing are 100% complete. Fencing remains at 95% with the seeding and fertilizing not yet started due to the dates set for seeding. The project as a whole is 95% complete with 78% of the contract time elapsed. A six man engineering crew is assigned to the project for engineering layout and construction inspection.

F 16-1(11)1 Var. Int. - Billings
0.0 Miles
Traffic Control Devices
Yellowstone County
Contract Awarded: 6-8-79
Amount of Contract: $345,143.00
Proceed Order Date: 6-29-79
Work Started: 7-23-79

Midland Electric Company & One Way
Sign Company (J. V.)
Billings, Montana
Kenneth Hartman, Fld. Prj. Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 60 Working Days
Effective Opening Date: N/A

F 16-1(11)1 Var. Int. - Billings (Continued)

All work on the project has beencompleted with 55 working days elapsed, and a total of seven working days remaining. One man has worked two man-days in the office on notes and material for the final estimate which should be turned in to the division office on or about July 31, 1980.

HES 1025(2) 6th Street West Overpass
Billings
0.0 Miles
Ice Warning System
Yellowstone County
Contract Awarded: 6-8-79
Amount of Contract: $52,973.30
Proceed Order Date: 6-29-79
Work Started: 12-26-79

Yellowstone Electric Company
Billings, Montana
Kenneth Hartman, Fld. Prj. Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 30 Working Days
Probable Completion Date: 7-30-80
Effective Opening Date: N/A

All work on the project has been completed by the contractor, and all items on the project are 100% complete. The contractor has been issued a suspend work order but the project cannot be certified complete until the representative from Surface Systems, Inc., corrects the malfunction of the equipment. Contract time elapsed is 21 working days or 70% to date and a total of nine working days remain. One man has worked approximately six man-days in the office on notes, quantities, and material for the final estimate.

M 1018(4) 4th & 6th Ave. N. Couplet
Billings
0.9 Miles Grade, Gravel, PMS, Stm. Sewer
Lighting and Signals
Yellowstone County
Contract Awarded: 5-28-78
Amount of Contract: $1,998,367.50
Proceed Order Date: 6-17-80
Work Started: 6-23-80

Meyer Construction Company
Billings, Montana
Don Kittelson, Fld. Prj. Mgr.
Billings, Montana
Phone No. 245-2101
Contract Time: 120 Working Days
Probable Completion Date: 5-1-81
Effective Opening Date:

Progress during this reporting period has been good. Work in progress during this reporting period consisted of grading and drainage. Grading work was being done on 6th Avenue north between sta. 32+00 and sta. 46+50 with the excess material being hauled to Waste Area number 1 at the Metra. Twenty-one thousand cubic yards of material was hauled using a night shift operation. Sixth Avenue north is closed to traffic during the shift. Drainage work was being done on 6th Avenue north between sta. 11+11.3 and sta. 17+00 with the storm sewer, manholes and drop inlets being installed. The 1½" CBC and 1½" plant mix base aggregate has been partially stockpiled. The contractor, Meyer Construction Company, worked eight nine hour shifts on the grading with 15 men employed. The subcontractor, Steel Structures, Inc., worked nine eight hour shifts on the drainage work with seven men employed. The miscellaneous items are 5% complete, grading items are 10% complete, drainage items are 14% complete and surfacing items are 6% complete. The project as a whole is 6.7% complete with 18 of the 120 working days allowed having been used or 15% of the contract time elapsed. A five man survey crew worked nine days on the project running centerline and cross-sectioning for a waste area from sta. 9+00 to sta. 16+50, resetting grades for the storm sewer on 6th Avenue north from sta. 11+51.3 to sta. 19+14.7, staking construction signs on north 13th Street and 3rd Avenue north and cross-sectioning gravel stockpiles. Two men are assigned to grading and drainage inspection and one man is assigned to the office. Engineering layout is 45% complete.

PMS 4140(58) Statewide Striping
Contract Awarded: 5-28-80
Contract Amount: $335,384.28
Work Started: 7-7-80

Mark Rite Lines, Inc.
Billings, Montana
Kenneth Hartman, Fld. Prj. Mgr.
Billings, Montana
Phone No. 252-4138
Contract Time: 75 Working Days
Probable Completion Date: 10-1-80
Effective Opening Date: N/A

The contractor has worked eight shifts and employed six men running two paint trucks on the project. Yellow paint is approximately 75% complete, and white paint is approximately 33% complete to date for the Billings Division. Engineering time charged to the project has been approximately 48 man-days.

FAS 314 Relocation: Decker-Busby
By Northern Energy Resources
5.6 Miles Road Relocation
Big Horn County
Proceed Order Date: 5-1-79
Work Started: 8-13-79

Washington Construction Company, Inc.
Missoula, Montana
Victor Scheuffele, Fld. Prj. Mgr.
Decker, Montana
Contract Time: 448 Calendar Days

Progress during the reporting period has been good. Mininger Fencing worked seven eight hour shifts and one three hour shift on cattle guard installation and fencing operations. Three to four men were employed. Empire Sand and Gravel worked two six hour shifts employing two to four persons on brooming operations. Mark Rite Lines, Inc. did final striping on July 3, 1980. All items are 100% complete except the following: Fencing is 80% complete, seeding remains 30% complete, R/W markers, etc. remain 2% complete and signing remains 90% complete. The project as a whole is 95% complete with 89% of the contract time elapsed. One state inspector is assigned to this project.

Respectfully submitted,

C. W. Klimper, P.E., Supervisor
Division Construction Section

CWK/MCV/lg

STATE OF MONTANA
DEPARTMENT OF HIGHWAYS
Division Office
Miles City, Montana
July 18, 1980

Department of Highways
Helena, Montana

Progress Report
Division 5230

Following is the Preconstruction and Construction Progress Report for the period ending July 18, 1980, for Division 5230 - Miles City, Montana.

GENERAL

Partly cloudy skies, numerous windy periods, and above normal temperatures prevailed during the period. Temperatures ranged from 52° to 94°. All construction projects are in fair to good travel condition.

PRECONSTRUCTION

F 23-1(2)7 - Miles City-South (South Section)
Length - 6.9 Miles
Design Started: May 16, 1979

A.D. Anderson, Designer III - Design
Miles City, MT - Tel. No. 232-1093
Probable Completion Date: Dec. 19, 1980

Work in Progress during the past period consisted of submitting line change cross sections to Helena and making line change corrections on the plan sheets. Four man days were used during the period, making a total of 64 man days to date. Design as a whole is 10% complete.

DP 39-1(3)38 - Colstrip to I-94
(Armell's Creek-North and South)
Length - 6.4 Miles
Design Started: November 21, 1977

A.D. Anderson, Designer III
Miles City, MT - Tel. No. 232-1093
Probable Completion Date: Aug. 29, 1980

Work in progress during the past period consisted of making right-of-way corrections in the right-of-way prints and on the construction linens. Three man days were used during the period, making a total of 523 man days to date. Design as a whole is 90% complete.

CT 39-1(11)21 - Colstrip-Forsyth
(South Section)
Length - 5.8 Miles Grading, Agg. Surf.,
Pl. Mix Surf. & R.R. Overpass Structure
Contract Not Let

D.J. Strohmayer, Field Project Manager
Miles City, MT - Tel. No. 232-1093

Authorization to stake this project for construction was issued June 30, 1980. Engineering personnel will be assigned when available.

DP 447-1(4)16 - 16 Miles South of Rosebud-
South (Snyder Creek-North Section)
Length - 9.1 Miles
Survey Started: January 17, 1973
Survey Suspended: January 28, 1974
Survey Resumed: January 13, 1977
Survey Suspended: March 4, 1977
Survey Resumed: January 2, 1980

R.E. Swanson, Field Project Manager
Miles City, MT - Tel. No. 232-1093
Probable Completion Date: Sept. 30, 1980

DP 447-1(4)16 - 16 Miles South of Rosebud-South (Continued)

No work was performed on this location survey during the past period. To date, centerline and levels have been run and topography and cross sections taken on 9.1 miles or 100% complete. Plan and profile have been plotted on 8.5 miles or 93% complete. Section ties have been made on 1.0 mile or 11% complete. 569 man days have been used. The survey as a whole is 94% complete.

SR 447-1(5)0 - Rosebud-South
Length - Approx. 8.0 Miles
Survey Not Started

Field Project Manager - Unassigned

Authorization to make this survey for future plant mix surfacing overlay on this project was issued April 17, 1980. Engineering Personnel will be assigned when available.

M 8008(1) - Haynes Avenue (Miles City)
Length - 1.0 Mile
Survey Started: March 6, 1978
Survey Suspended: February 22, 1980

D.L. Stewart, Field Project Manager
Miles City, MT - Tel. No. 232-1093
Probable Completion Date: Dec. 15, 1980

All work was suspended on this location survey February 22, 1980. The Custer County Water & Sewer District is currently placing water and sewer lines through this entire project. The survey will be resumed upon completion of this work. To date, centerline and levels have been run, cross sections and topography taken, section ties made and plan and profile plotted on 1.0 mile or 100% complete. 112 man days have been used. The survey as a whole is 80% complete.

CONSTRUCTION

IR 94-1(45)16 U-1
Expansion Joint Replacement at Six Structure Locations in Rosebud, Custer, Prairie, and Wibaux Counties
Contract Let: November 29, 1979
Proceed Order: April 16, 1980
Amount of Contract: $160,712.00
Work Started: May 29, 1980

COP Construction Company, Contractor
Billings, Montana
W.D. Dane, Field Project Manager
Miles City, MT - Tel. No. 232-1093
Contract Time: 90 Working Days
Probable Completion Date: July 30, 1980
Effective Opening Date: N/A

Progress during the past period has been good. Work in progress consisted of installing elastomeric joints on the passing lane, Bent 3, County Road Separation, Station 377+34, E.B. Structure and on the passing lane, Bent 3, Broadus Interchange, Station 399+10, E.B. Structure. To date, 11,408 units of traffic control devices have been used or 48% complete. 100 hours of traffic control flagging have been used or 100% complete. 172 lineal feet of partial depth slab repair have been made or 48% complete. Six lineal feet of full depth slab repair have been made or 12% complete. 178 lineal feet of elastomeric joint materials have been installed or 66% complete. The contractor worked eight 8-hour shifts, one 8½-hour shift and one 9½-hour shift during the past period with an average of five men employed. The project as a whole is 53% complete with 43% of the contract time elapsed. Construction layout, with a two-man engineering crew engaged, is 60% complete.

I 94-3(34)90 - Forsyth-East and West
Length - 5.7 Miles Pl. Mix Surf., Seal & Cover
Contract Let: September 27, 1979
Proceed Order: October 26, 1979
Amount of Contract: $734,778.80
Work Started: January 16, 1980

Zook Brothers Construction Co.
Great Falls, Montana
D.J. Strohmayer, Field Project Manager
Miles City, MT - Tel. No. 232-1093
Contract Time: 80 Working Days
Actual Completion Date: June 11, 1980
Effective Opening Date: June 11, 1980

All items were completed in conformance with Plans, Specifications, and Special Provisions June 11, 1980. Formal inspection and acceptance were made June 12, 1980. The Final Estimate, with a two-man engineering crew engaged, is currently 90% complete and will be submitted to the Division Office about July 30, 1980.

F-TQF 23-3(2)119 - Broadus-Wyoming Line
Length - 20.4 Miles Plant Mix Overlay
Contract Let: April 27, 1978
Proceed Order: May 22, 1978
Amount of Contract: $1,580,737.80
Work Started: August 21, 1978

Hilde Constr. Co., Contractor
Great Falls, Montana
D.L. Stewart, Field Project Manager
Miles City, MT - Tel. No. 232-1093
Contract Time: 90 Working Days
Actual Completion Date: June 18, 1979
Effective Opening Date: Oct. 10, 1978

All items were completed in conformance with Plans, Specifications, and Special Provisions June 18, 1979. Formal inspection and acceptance were made June 19, 1979. The Final Estimate was submitted to the Division Office October 1, 1979, and is currently 99% complete.

F-TQF-DP 39-1(5)44 U-1 Colstrip to I-94
(North Section)
Length - 7.0 Miles Grade., Agg. Surf., and
Plant Mix Surfacing
Contract Let: March 30, 1978
Proceed Order: April 21, 1978
Amount of Contract: $2,397,998.99
Work Started: June 20, 1978

Hilde Constr. Co., Contractor
Great Falls, Montana
D.J. Strohmayer, Field Project Manager
Miles City, MT - Tel. No. 232-1093
Contract Time: 200 Working Days
Actual Completion Date: Oct. 31, 1979
Effective Opening Date: Sept. 20, 1979

All items were completed in conformance with Plans, Specifications, and Special Provisions October 31, 1979. Formal inspection and acceptance were made November 1, 1979. The Final Estimate, with a two-man engineering crew engaged, is currently 85% complete and will be submitted to the Division Office about July 25, 1980.

RS 447-1(3)8 - 8 Mi. South of Rosebud-South
Length - 4.1 Miles Grade., Agg. Surf. & Pl.
Mix Base Surfacing
Contract Let: May 3, 1979
Proceed Order: May 31, 1979
Amount of Contract: $1,241,949.83
Work Started: June 4, 1979

Wickens Brothers, Contractor
Lewistown, Montana
R.E. Swanson, Field Project Manager
Miles City, MT - Tel. No. 232-1093
Contract Time: 150 Working Days
Actual Completion Date: May 28, 1980
Effective Opening Date: Nov. 16, 1979

All items were completed in conformance with Plans, Specifications, and Special Provisions May 28, 1980. Formal inspection and acceptance were made May 28, 1980. The Final Estimate, with a two-man engineering crew engaged, is currently 83% complete and will be submitted to the Division Office about July 30, 1980.

RS-TQS 462-2(3)13 - 13 Miles North of Rock Springs-North
Length - 14.3 Miles Grading, Graveling, & Drainage
Contract Let: December 13, 1979
Proceed Order: April 16, 1980
Amount of Contract: $1,697,493.02
Work Started: March 31, 1980

Wickens Bros., Contractor
Lewistown, Montana
D.L. Stewart, Field Project Manager
Miles City, MT - Tel. No. 232-1093
Contract Time: 120 Working Days
Probable Completion Date: Sept. 30, 1980
Effective Opening Date:

Progress during the past period has been good. Work in progress consisted of moving 30,000 cubic yards of unclassified borrow excavation, constructing 501 rods of farm fence Type F4W, and installing 226 lineal feet of C.M.P. Approach Culvert. To date, 616,066 cubic yards of unclassified excavation have been moved or 97% complete. 152,510 cubic yards of unclassified borrow excavation have been moved or 100% complete. 3,136 lineal feet of R.C.P. Culvert have been installed or 100% complete. 290 lineal feet of S.S.P.P. Culvert have been installed or 100% complete. 654 lineal feet of C.S.P. Culvert have been installed or 100% complete. 93 cubic yards of Class DD Concrete have been placed or 100% complete. 1,551 rods of farm fence Type F4W have been constructed or 75% complete. 1,372 lineal feet of C.M.P. Approach Culvert have been installed or 77% complete. The Contractor worked ten 9-hour shifts with 32 men employed. The project as a whole is 74% complete with 52% of the contract time elapsed. Construction layout, with a 16-person engineering crew engaged, is 88% complete. The crusher is being set up at this time.

DP-BRS 566-1(3)31 - 7 Miles Southwest of Birney
Length - 178.0' Steel & Conc. Bridge
Over Tongue River & Approaches
Contract Let: December 13, 1979
Proceed Order: April 16, 1980
Amount of Contract: $416,037.97
Work Started: February 5, 1980

COP Construction Co., Contractor
Billings, Montana
W.D. Dane, Field Project Manager
Miles City, MT - Tel. No. 232-1093
Contract Time: 120 Working Days
Probable Completion Date: Sept. 15, 1980
Effective Opening Date:

COP Construction Co. moved back to the project on 7-14-80 and began cleanup around Bents #1 and #4, bush hammering beam seats and plans to set beams on 7-17-80. To date, 4,066 cubic yards of selected surfacing 1½" Grade 5 have been produced or 85% complete. The project as a whole is 39% complete with 50% of the contract time elapsed. Construction layout, with a one-man engineering crew engaged, is 85% complete.

SOS 44(3) U-2 - Hammond Valley Road (Rosebud County)
Length - 3.5 Miles Drain, Reshape, Gravel Surface and Sign.
Contract Approved: April 4, 1980
Estimated Cost: $68,000.00
Work Started: April 11, 1980

Rosebud County, Contractor
Forsyth, Montana
R.E. Swanson, Field Project Manager
Miles City, MT - Tel. No. 232-1093
Probable Completion Date: July 15, 1980
Effective Opening Date: June 2, 1980

No work was performed on this project during the past period. All items have been completed with the exception of signing and guardrail. The project as a whole is 95% complete.

J.B. Randall

Jay B. Randall, P.E.,
Supr.-Div. Constr. Section

JBR:wr

cc: Division File

STATE OF MONTANA

DEPARTMENT OF HIGHWAYS

LEWISTOWN, MONTANA

JULY 18, 1980

State of Montana
Department of Highways
Helena, Mt. 59601

PROGRESS REPORT
DIVISION 5330

Gentlemen:

The following report covers preconstruction and construction in Division 5330 for the period of July 4, 1980 through July 18, 1980.

GENERAL

The temperature varied from 90°F above to 44°F above zero with 0.52 inches of precipitation recorded. Roads are in good travel condition.

PRECONSTRUCTION

RF 14-2(01)75 Martinsdale-East and Two Dot-West
Approximate Length: Martinsdale-East 5.7 Miles
Approximate Length: Two Dot-West 7.4 Miles
Survey Started: 1/4/71

Mitch J. Miller
Designer III
Lewistown, Montana
Telephone: 538-8731

Martinsdale-East: Bridge situation survey was submitted to Helena on 9/19/73. Drainage and Irrigation Notes, including Field Recommendations were submitted to Helena on 7/18/73. Tracing Plan and Profile Linens remain 80% complete. Plotting templates on cross-sections, plotting section ties and re-designing connections to P.T.W., plotting construction limits and preliminary Right-of-Way and designing miscellaneous items are all 100% complete; plotting and finalizing summaries are 98% complete. Five man-days were used writing preliminary special provisions and computing preliminary cost estimate for 100% complete. The design as a whole is 49% complete with 180 man-days expended to date.

Two Dot-West: The P.I.H. was held August 31, 1977. P.I.H. changes are 61% complete. The design as a whole is 68% complete with 337 man-days expended to date. The design has been suspended pending Hydraulics recommendations.

F 57-2(2)33 Stanford East & West
Approximate Length: 13.3 Miles
Survey Authorized: 9/28/76 & 10/24/77
Survey Started: 1/31/77
Survey Suspended: 4/6/77

Mitch J. Miller
Designer III
Lewistown, Montana
Telephone: 538-8731

All location and supporting data was submitted to the Division Design Section on May 30, 1980.

HES 57-2(6) 45 Windham Curve
Approximate Length: 0.5 Miles
Survey Authorized: 3/20/80
Survey Started: 3/26/80

Bruce H. Barrett
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work this reporting period. The survey is 100% complete with 34 man-days expended to date.

F 57-3(03)122 Winnett-West
Approximate Length: 9.3 Miles
Survey Authorized: 2/15/72
Survey Started: 11/25/74

Mitch J. Miller
Designer III
Lewistown, Montana
Telephone: 538-8731

The P.I.H. was held June 4 and 5, 1980. Ten man-days were expended making P.I.H. changes 10% complete. The design as a whole is 55% complete with 209 man-days expended to date.

F 57-3(01)83 Lewistown-East
Approximate Length: 12.6 Miles
Survey Authorized: 6/2/77
Survey Started: 2/5/79

Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

A two to three man engineering crew expended five man-days retracing centerline. No other work has been done as personnel have been assigned to other projects. The survey is 10% complete with five man-days expended to date.

FR 75-1(1)0 Lewistown Bypass
Approximate Length: 1.7 Miles
Survey Authorized: 4/11/80
Survey Started:

Mitch J. Miller
Designer III
Lewistown, Montana
Telephone: 538-8731

All location and supporting data was submitted to the Division Design Section on May 27, 1980. Plotting and inking cross-sections, plotting summaries and designing miscellaneous items, computing preliminary cost estimate and writing special provisions are 100% complete. The design as a whole is 49% complete with 35 man-days expended to date.

RS 000S (68) Fergus County
Signing Graveled Secondaries
Approximate Length: 45.5 Miles
Survey Authorized:
Survey Started:

Unassigned at this time

No work on this project to date.

RS 000S (69) Judith Basin County
Signing Graveled Secondaries
Approximate Length: 23.2 Miles
Survey Authorized:
Survey Started:

Unassigned at this time

No work on this project to date.

M 7106(3) Spring Street 8th-11th - Lewistown
Approximate Length: 1100.0 Feet
Survey Authorized: 12/06/76

HKM Associates
Consulting Engineers
Billings, Montana

Survey and Field Wrok - 100% complete. Planning and Design - 98% complete.

M 7109(1) 4th Avenue - Lewistown
Approximate Length: 0.4 Miles
Survey Authorized: 09/28/76

HKM Associates
Consulting Engineers
Billings, Montana

Surveying and Field Work - 100% complete. Planning and Design - 98% complete.

M 7103(1) Airport Road - Lewistown
Approximate Length: 1.4 Miles
Survey Authorized: 12/06/76
Survey Started: 12/12/77
Survey Suspended: 12/16/77
Survey Resumed: 05/09/78

Mitch J. Miller
Designer III
Lewistown, Montana
Telephone: 538-8731

All location and supporting data was submitted to the Division Design Section on June 16, 1978. The P.I.H. was held April 8, 1980. P.I.H. changes are 90% complete. The design as a whole is 75% complete with 121 man-days expended to date.

RS 245-1(1) Six Miles Northwest - Jordan
Approximate Length: 8.0 Miles
Survey Authorized: 09/28/76
Survey Started: 05/01/78

Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work performed on this project this reporting period. All items remain as previously reported. Centerline has been re-established and is 100% complete; locating bench marks is 25% complete, 64% of the R/W 72 Authorizations Forms have been signed by the respective owners and returned to the Division Office. Twenty-five man-days have been expended to date with the survey as a whole about 5% complete.

RS 297-1(01)9 Hedgesville-North
Approximate Length: 18.0 Miles
Survey Authorized: 01/31/78
Survey Started:

Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work was performed this reporting period. A total of seventeen man-days have been expended to date.

F 57-5(1)171 Sand Springs-West
Approximate Length: 8.1 Miles
Survey Authorized: 11/20/78
Survey Started: 03/21/79

Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

Transmittal of field location notes, horizontal and vertical control data was submitted to Division Construction Supervisor, W.S. Strizich, on 5/21/79. Field Survey work began 3/21/79 and was completed 5/18/79 with 202 man-days used to complete the survey.

F 61-3(2)85 Mobridge-South
Slide Correction 2.5 Miles
South Fred Robinson Bridge
Approximate Length: Unknown
Survey Started: 3/14/79

Charles W. Buck
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work was performed on the project this reporting period. Additional work will be required as for checking slide control check points, elevation of water level depths and profile of centerline of roadway on a once a month basis. Fifty-eight man-days have been expended to date.

RS 294-1(02)12 Lennep-East and West
Approximate Length: 6.9 Miles
Survey Authorized: 5/24/77
Survey Started: 7/5/78

Mitch J. Miller
Designer III
Lewistown, Montana
Telephone: 538-8731

All location and supporting data was submitted to the Division Design on 2/28/79. Plotting and inking cross-sections and plotting profile are all 100% complete. Tracing Plan and Profile Linens remains 80% complete. Writing planning report and making cost comparison for rebuild concept versus upgrade concept are 100% complete. The design as a whole remains 14% complete with 53 man-days expended to date.

BR 9019(7) Musselshell River Bridge
Approximate Length: 0.4 Miles
Survey Authorized: March 14, 1980
Survey Started: June 23, 1980

Bruce H. Barrett
Field Project Manager
Lewistown, Montana
Telephone: 538-8731

No work has been done on the survey the past reporting period. The project remains 80% complete with 42 man-days expended to date. Personnel are assigned to other projects.

CONSTRUCTION

F-TOF 57-4(3)130 Winnett East & West
Grade Aggregate Surfacing, Plant Mix
Bituminous Surfacing
Length: 6.7 Miles
Contract Let: 8/24/78
Contract Amount: $1,754,797.16
Work Started: 9/25/78

Earth Builders, Inc.
Bismarck, North Dakota
Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8731
Contract Time: 180 Working Days
Probable Compl. Date: 10/1/80

Progress the past reporting period was good. Contractor began Seal and Cover operations 7/7/80 and was completed 7/10/80. One thousand nine hundred and seven tons of ½ In. Gr. 3 cover material and 174.7 tons of CRS-2 Emulsified Asphalt were applied at the rate of 24.7# per sq. yd. and 0.27 gallons per sq. yd. respectively. Sub-contractor, Mark Rite Lines, Inc. applied final traffic striping on 7/17/80 using 42 gallons of yellow and 285 gallons of white traffic paint. Sub-contractor worked one ten-hour shift with 3 men employed and prime contractor worked three 9-hour shifts with 20 men employed. Sub-contractor, Jim Swan & Sons completed fence adjustments that were required on 7/16/80 working two 9-hour shifts with six men employed. All work on the project is complete except for some seeding and gravel pit reclamation. The project is 99% complete with 95% of the contract working days expended. Construction layout is 100% complete with a five man engineering crew assigned for inspection and supervision.

F 43-1(03)3 Lewistown-North
Plant Mix Overlay
Contract Let: 1/25/79
Contract Awarded: 2/20/79
Contract Amount: $848,084.80
Work Started: 7/2/79

Earth Builders, Inc.
Bismarck, North Dakota
Bruce H. Barrett
Field Project Manager
Lewistown, Montana
Contract Time: 75 Working Days
Completion Date: 7/18/80
Effective Opening Date: 9/18/79

The contractor commenced Seal and Cover operations on July 14, 1980 and completed the work on July 17, 1980. Eighteen men worked one 12-hour shift per day. Mark Rite Lines will stripe the job on July 18, 1980 which will complete the project. The project is 100% complete with 100% of the contract time elapsed. The contractor did not go into overtime. Construction layout is 100% complete. Nine engineering personnel were utilized for project completion.

F 14-2(4)42 White Sulphur Springs
0.0 Miles
Cantilever Sign Structure
Contract Let: 2/28/79
Contract Awarded: 3/1/79
Contract Amount: $11,624.00
Work Started: 7/2/79
Work Completed: 8/14/79

Midland Electric Co.
Billings, Montana
Dale DeVore
Field Project Manager
Lewistown, Montana
Telephone: 538-8731
Contract Time: 10 Days
Completion Date: 8/14/79
Effective Opening Date: N/A

The project was completed on August 14, 1979. The project was completed using 10 of the 11 allowable working days. Final estimate and supporting data will be submitted to the Division Office July 30, 1980.

F 14-5(1)168 - First Ave. & Main Street-Roundup
Cantilever Sign Structure & Signing
Contract Let: 5/3/79
Contract Awarded: 5/3/79
Contract Amount: $22,283.60
Work Started: 5/6/80
Work Completed:

Western Sign Corporation
Great Falls, Montana
Bruce H. Barrett
Field Project Manager
Lewistown, Montana
Telephone: 538-8731
Contract Time: 20 Working Days
Probable Compl. Date: 5/14/80
Effective Opening Date: N/A

The project was completed June 13, 1980. The final estimate and supporting data will be submitted to the Division Office on or about August 1, 1980.

SMP 3399-79 Various Counties
Musselshell, Fergus & Yellowstone
Maintenance Stockpiles
Contract Awarded: 10/25/79
Contract Amount: $248,715.00
Work Started: 11/29/79
Work Completed: 2/22/80

Meyer Construction Co.
Billings, Montana
Carl W. Park
Field Project Manager
Lewistown, Montana
Telephone: 538-8731
Contract Time: 75 Working Days

SMP 3399-79 Various Counties . . Continued

Contractor completed crushing and stockpiling Maintenance Stockpiles in Fergus County 12/13/79, Musselshell County 2/11/80 and Yellowstone County 2/22/80. Fifty working days were expended of the seventy-seven days allotted. All work is complete except for gravel pit reclamation which will be completed when weather conditions are satisfactory. Final estimate and supporting data were submitted to Division Office on 2/29/80 and will be submitted to the Construction Bureau 8/30/80.

RS 310-2(1)35 Mussehshell-South
Plant Mix, Bituminous Surfacing Seal & Cover
Contract Let: 1/31/80
Contract Awarded: 2/4/80
Contract Amount: $748,871.60
Proceed to Work Date: 4/16/80
Work Started: 4/16/80

Meyer Construction Co.
Billings, Montana
Carl W. Park
Field Project Manager
Roundup, Montana
Telephone: 323-2075
Contract Time: 90 Working Days
Probable Compl. Date: 11/1/80

All work on the project is complete with the exception of seeding in urban section and gravel pit reclamation. Sub-contractor, Mark Rite Lines, Inc. applied final traffic striping on 7/7/80, using 44 gallons of yellow and 276 gallons of white traffic paint. Two men worked one 6-hour shift during this reporting period. The project as a whole is 99% complete with 50% of the contract working days expended. Engineering personnel are presently assigned to other projects.

SR 238-1(2)0 Lewistown-South
Plant Mix Overlay
Contract Let: 5/22/80
Contract Awarded: 5/28/80
Contract Amount: $365,222.06
Work Started:

James Kraus, Contractor
Great Falls, Montana
Bruce H. Barrett
Field Project Manager
Lewistown, Montana
Telephone: 538-8731
Contract Time: 60 Working Days
Probable Compl. Date: 10/29/80
Effective Opening Date:

Notification of bond and insurance has been received and material samples from the purposed contractor furnished source have been submitted to the Materials Bureau for testing. No other work has been done on the project. The project is 0% complete with 0% of the contract time elapsed. Construction layout remains 50% complete with personnel assigned to other projects.

BR 9014(6) Wolf Creek Bridge
Contract Awarded: 12/6/79
Contract Amount: $81,168.05
Work Started: 1/21/80
Work Completed: 5/14/80

Wickens Bros.
Lewistown, Montana
Carl W. Park
Field Project Manager
Lewistown, Montana
Contract Time: Completion by 3/1/80

Project was completed 5/14/80. Final inspection and acceptance was made 5/16/80 by W. S. Strizich, Division Construction Supervisor. County acceptance was made by Robert Barber, Fergus County Commissioner. The project was completed within the allowable contract time. Final and supporting data were submitted to Division Office June 24, 1980 and will be submitted to the Construction Bureau August 15, 1980.

PMS 4140(57) Epoxy Pavement Marking
Contract Awarded: 5/28/80
Contract Amount: $170,601.20
Work Started:
Work Completed:

Century Fence Co.
Waukesha, Wisconsin
Various Field project Managers
Contract Time: 45 Working Days
Probable Compl. Date: 10/1/80
Effective Opening Date: N/A

Project was let May 22, 1980 and awarded May 28, 1980. The contractor anticipates going to work July 21, 1980 in Anaconda, then to Great Falls, Lewistown and points east.

PMS 4140 (58) Statewide Striping
Contract Awarded: 5/28/80
Contract Amount: $335,384.28
Work Started:
Work Completed:

Mark Rite Lines, Inc.
Billings, Montana
Various Field Project Managers
Contract Time: 75 Working Days
Probable Compl. Date: 10/1,80
Effective Opening Date: N/A

Mark Rite Lines started striping 7/7/89 in Musselshell County, Melstone-North. Two men worked two hours to complete this route. Started striping in Yellowstone County 7/8/80. Used one truck on centerline and shoulder line for two days with three men working with one truck. Two trucks started 7/10/80 with one striping yellow centerline and one striping white shoulder lines. Finished centerlines on 7/16/80 but continued with the shoulder lines with three men until 7/18/80. A total of eleven working days has been used to 7/18/80.

Respectfully submitted,

W. S. Strizich, P.E., Supervisor
Division Construction Section

WSS:JHP:det

cc: Field Project Managers
Design Section
Lab

DIRECT PARTICIPATION
FEDERAL HIGHWAY ADMINISTRATION

June 4, 1980

MONTHLY PROGRESS REPORT
DIRECT FEDERAL CONSTRUCTION
MONTANA

As of June 4, 1980

PROJECT	LOCATION	LENGTH	TYPE WORK	PERCENT TIME USED	% WORK COMPLETED AND ESTIMATED COMPLETION DATE	CONTRACTOR AND CONTRACT AMOUNT
FLH 7-1(2)	Thompson Pass	12.069	Grading, Surfacing Bridge	90%	96% (06/30/80)	Wickens Brothers $2,652,354.00
FH 59-2(6)	Beartooth Highway	5.119	Grading, Surfacing Bridge	65%	58% (09/01/80)	Hilde Construction Co. $2,794,257.50
FDR-4724,25,26	Miller Creek	13.644	Grading, Aggregate Surfacing	100%+	94% (07/01/80) (Winter Suspend)	L. M. Johnson Inc. $1,579,018.50
GNP RD4-414	Chief Mtn Road & Approach	14.009	Grading, Recycling Surfacing, Bridge	65%	86% (07/01/80) (Spring Resume 05/19/80)	Peter Kiewit Sons Co. $2,576,434.00
FH 61-1(4)	North Fork Flathead, Big Creek Bridge	0.492	Bridge & Approaches	100%+	69% (05/01/80) (Winter Suspend)	COP Construction Co.
FHP 13-3(3)	Columbia Falls - Glacier Park Highway	0.441	Grade, Surface and Railroad Bridge	63%	71% (06/30/80) (Spring Resume 05/27/80)	COP Construction Co.
FH 13-3(4)	Columbia Falls - Glacier Park Highway	3.194	Grade, Surfacing, Two Bridge	04%	02% (07/01/82)	Murphy Brothers Inc. $7,923,163.00
OMAD 18-3	Minuteman Missile Roads	56.220	Gravel Surfacing	100%+	100% (06/01/80) (Spring Resume 04/28/80)	Francis Tindall $934,450.00